

Equipment & Systems Available



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Asset	Name	Manufacturer	Description	Built	Location
Agitator			12 Items		
A-1307	Gearbox	Chemineer	Right angle gearbox and motor - was originally used for top entering agitator with 2 sets of tri-blades (HE3) featuring bottom steady bearing. 15 HP Chemineer right angle gearbox Model 23HTNT-15, S/N 578160-1, 1200 RPM input to 37 rpm output. Built 2011. Approx. length 40 feet. Includes 15 HP Baldor Motor, 3 Phase, 60 Hz. Came from 26 ft dia tank x 39.5 ft tall This is gearbox and motor only - used. Idled since 2012.	2011	Grant City, MO
A-1405	Gearbox	Chemineer	Right angle gearbox and motor. Was originally used for top entering agitator with 2 sets of tri-blades featuring bottom steady bearing. Built 2012. 15 HP Chemineer Model 23HTNT-15, S/N 582096-1, 1180 RPM input to 37 rpm output. Approx. length 40 feet. Includes 5 HP Baldor Motor, 3 Phase, 50 Hz. Came from 28 ft dia tank x 39.3 ft tall This is gearbox and motor only - used. Idled since 2012.	2012	Grant City, MO
A-1701	Gearbox	Chemineer	Right angle gearbox and motor. Was originally used for top entering agitator mfg by Chemineer. Model 4HTA-10, serial number 558847-1. Built in 2006. Long shaft with blades and steady bearing. Reliance 10HP Horizontal motor, 90 degree gearbox. Has one set of Blade mixers, approx shaft length 40 ft. Input 1200 rpm - output 37 rpm. Shaft diameter: 2.5". Was in tank 35 ft dia x 40 ft tall (290,000 gallons). This is gearbox and motor only - used. Idled since 2012.	2006	Grant City, MO
AG-1653	Gearbox	Chemineer	Right angle gearbox and motor. Was originally used for top entering Chemineer agitator. Model 23HTNT-15, S/N 578877-1. Motor input 1200 RPM, output 37 RPM, Baldor 15 HP motor. 2 sets of 3 blade impellers. 3" shaft diameter. Came from a tank that was 22 ft dia x 28 ft tall. This is gearbox and motor only - used. Idled since 2012.		Grant City, MO
A-1407	Gearbox	UET	Right angle gearbox and motor. Was originally used for top Entering agitator mfg by UET - United Equipment Technologies in 2002. Model Xcel 900. Long shaft with blades - approx length 55 ft with steady bearing. Built 2002. Agitator is United Equip Technology (Job# 0452-01) with Falk Ram gear drive, 90 degree, 16.5 rpm output. Falk model # 900MDXD3AZ, serial 02-031136-01. Driven by a Siemens 40HP motor 460v 3/60. Weight of gearbox/motor is 9300 pounds + shaft & blades = 12,500 pounds total. Shaft diameter: 4". Came from 55 ft dia tank x 55 ft tall This is gearbox and motor only - used. Idled since 2012.	2002	Grant City, MO
A-1306	Gearbox	United Equipment Technologies	Right angle gearbox and motor. Falk. Was used on top entering agitator with 3 sets of 4-blades featuring bottom steady bearing with shaft length 40 feet. 15 HP United Equipment Technologies Corp. Includes Falk Right angle gear box. Output 47 rpm. Came from 26 ft dia tank x 39.5 ft tall. This is gearbox and motor only - used. Idled since 2012.		Grant City, MO

Asset	Name	Manufacturer	Description	Built	Location
A-1400	Gearbox	United Equipment Technologies	Gearbox and motor - inline. Was originally used for top entering agitator with 1 set of 4-blades featuring bottom steady bearing. 10 HP United Equipment Technologies Model Xcel-22, S/N C1641-7B. Approx. length 40 feet. Falk right angle gear box. Includes Motor. Shaft diameter 2.5 inches. Came from tank dia 28 ft x 39.3 ft tall. This is gearbox and motor only - used. Idled since 2012.	1995	Grant City, MO
A-1404	Gearbox	United Equipment Technologies	Right angle gearbox and motor. Was originally used for top entering agitator with 1 set of 4-blades featuring bottom steady bearing. United Equipment Technologies. Approx. length 40 feet. Falk right angle gear box. Includes 20 HP Emerson Motor, 3 Phase, 60 Hz. Shaft diameter: 3.5 inches. Came from Tanks dia 40 ft dia x 38.3 ft tall. This is gearbox and motor only - used. Idled since 2012.		Grant City, MO
A-1403	Gearbox	United Equipment Technologies	Right angle gearbox and motor. Was originally used for top entering agitator with 1 set of 4-blades featuring bottom steady bearing. United Equipment Technologies. Approx. length 40 feet. Falk right angle gear box. Includes 20 HP Siemens Motor, 3 Phase, 60 Hz. Shaft 3.5 inches dia. Came from Tanks dia 40 ft dia x 38.3 ft tall. This is gearbox and motor only - used. Idled since 2012.		Grant City, MO
FP101	Gearbox for Agitator	Falk	Falk gearbox for agitator. Falk Ultramite model 12UBFQ3A 160A3F, serial # 4763976. Built 2009.	2009	Soperton, GA
6565	Gearbox for Agitator	Lightnin	Lightnin 25 HP top entering agitator. Model 84-S-25. Material: Titanium Pd Gr.7, 190RPM, 9.4:1 reduction ratio. Flange mounted 18" 300# RFF. Designed to be driven by 25 HP 3 phase, 60 Hz, 460V 1750 RPM XP motor (not included). Output shaft 3" OD x approx. 7' long. Impellers: Upper blade set type A200 17.5" dia. 4-45deg turbine blades. Lower set 24" spaced, type R101 6-flat turbine blades 17.5" dia with bottom stabilizer ring 18" off bottom. Type C Cartridge Mech Seals [Carbon/Ceramic faces, Teflon & Viton "O" rings]. Shipping Size: 5' W x 2' H x 12' L - 3,000 lbs. (3) available - priced separately.	1970	Houston, TX
SP-1801	Paddle Mixer Dual	Raymond	Raymond Paddle Mixer, serial number 87061. Double shaft paddle mixer. Carbon steel shell with dual stainless steel augers. Approximate dimensions 20'L x 5'W x 3'H (does not include size of the gearbox).	1995	Hastings, NE

Boiler

43 Items

7440	Boiler 80 HP - Vertical	Fulton	Fulton Model FB-080-A Gas Fired Vertical Steam Boiler. 2760 lb Steam/Hour, 80 BHP. 2,678,000 BTU/Hour Output, Maximum Output 3,475,000 BTU/Hour, Rated 150 PSI. ASME NB# 68165.		Illinois
21-BN-110A	Burners Radiant Wall (36)	Zeeco	Zeeco radiant wall round flame burners, model RWSF-4. Shop order 17928. Fired with natural gas or syngas. Heat max per burner is 1.25 MMBTU, normal heat is 1.1 MMBTU. Gas line 3/4 inch, pilot line 1 inch. Physical size is approx 22" x 22" x 44" OAL. Lo-NOx, side fired. Stable flame over a wide range of conditions. Total Heat Load for all burners is 19.8 MM BTU/HR. Qty 36 - priced for all, includes removal and loading on your truck. Checked	2009	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
21-BN-132	Burners Ultra Lo NOx (4)	Zeeco	Zeeco round flame gas burners model GLSF-14 Free Jet Ultra Lo NOx - predicted 6 ppmv to 20 ppmv. Shop order 17928. Maximum heat per burner is 11 MMBTU, normal heat 9 MMBTU each. Operates on natural gas or syngas. Flame stable over a wide range of conditions - Turndown 10:1 or greater. Mounting options up-fired or side-fired. Max predicted flame 16.4 ft, max predicted width 2.5 ft. Total Heat duty for all 4: 44 MM BTU/Hr. Quantity (4) - priced for all, includes loading on your truck. Gas train skid available for these 4 burners - see item 21-BMR. Checked	2009	Soperton, GA
7176	Deaerator	PMI Industries	Deaerator for water feed to steam system. Mfg by PMI Industries, made by Hall Tank. Spray tray design for 28,000 #/hr steam. ASME Nat'l Bd #95 MAWP 50 psi at 500F. Serial # 126-861. Size approx 3 ft 6 in dia x 10 ft s/s x 11 ft OAL x 8 ft 6 in OAH. Dry weight 3000 pounds. See multi-page drawing for more details	1986	Vernon, CA
6922	Dowtherm Vaporizer	First Thermal	IC First Thermal (Eclipse) Dowtherm firetube vaporizer, capacity 5 MMBTU at 135 psig. Burns natural gas, has 5 HP motor fan blower. Built in 1975, Serial number 44910, ASME Nat'l Bd# 41254. Repaired in 2004 by Industrial Boiler and Mechanical (Chattanooga). Physical size is approximately 6 ft dia x 12 ft long + blower section. Currently vaporizes Dowtherm but can be converted into a Thermal Fluid Heater for use with such oil heater products as food safe MobilTherm. The manufacturer is still in business and supports this vaporizer. Was in operation until February 2013. Removed and ready to load	1975	Chattanooga, TN
7175	Dowtherm Vaporizer	First Thermal	First Thermal Dowtherm Vaporizer, capacity 4 MMBTU/hr output with 5.5 MMBTU input. Serial number 47351. Designed to burn #2 fuel oil or natural gas. Includes gas train and 1 fuel pump. Burner is by Tower Flame. Heat transfer area 787 sf, max temp design 650F. Size approx 67 in dia x 202 inch long. Dry weight 19,500 pounds. Removed - ready to load. See multi-page drawing for more details	1986	Vernon, CA
3067	Dowtherm Vaporizer	Foster Wheeler	Foster Wheeler Dowtherm package boiler (vaporizer). 8 MMBTU, wet tube package boiler, natural gas fired. Built 1991, installed 1992, in operation until March 2013. Boiler is in very good shape, still installed. ASME Serial # 6972 Contract 52-3178-1. OIN 5-937863. 150 psi. 1722 sq ft heat transfer area. Currently vaporizes Dowtherm but can be converted into a Thermal Fluid Heater for use with such oil heater products as food safe MobilTherm. Vaporizer was in operation until 2013 - then idled. Weight is approximately 60,000 lbs.	1992	Chattanooga, TN
5485	Firetube Boiler	Cleaver Brooks	Cleaver Brooks 400 HP firetube boiler. Built in 1992. Model CB-700-400. Serial L-90916. Generates steam at 150 PSI. Natural gas fired with full gas train and gas regulator mounted. Boiler includes CB Hawk programmer system, McDonnell Miller modulating feedwater assembly, and has all bottom blow down valves. Was in operation until it was shut down in September, 2008. Sold As Is but we can also quote you a reconditioned price as well.	1992	Ft Worth, TX
5540	Firetube Boiler	Cleaver Brooks	Cleaver Brooks 500HP Firetube Boiler. Built in 1999. Model #CB-700-500-LE (low emissions), Serial # 0L098734. Produces steam at 150psi. Runs on natural gas. Boiler is used " as is " and in very good condition. We can provide a reconditioned-guaranteed quote as well.	1999	Midwest

Asset	Name	Manufacturer	Description	Built	Location
6527	Firetube Boiler	Cleaver Brooks	Cleaver Brooks 600HP Firetube Boiler. Built in 1987. 4 pass dry back with steam at 150psi. Model CB200-600, serial L83908, ASME Nat'l Bd# 65019. Runs on natural gas & #2 fuel oil. Boiler is reconditioned with all new tubes and is in excellent condition. See link for complete explanation. Price includes loading on your truck.	1987	Pennsylvania
6779A	Firetube Boiler	Cleaver Brooks	Cleaver Brooks 800HP Firetube Boiler. Built in 1992. 300psi. Runs on natural gas. Boiler will be reconditioned. Cleaned, painted, new controls with a one year warranty on the controls. Guaranteed to pass hydro and electric test. Pictures are before reconditioning. Price includes loading the boiler on your truck. Economizer also available for an additional cost.	1992	Southeast
7084	Firetube Boiler	Cleaver Brooks	One (1) 1989 500 HP Cleaver Brooks boiler, 4 pass dry back, gas and No. 2 oil fired, 150 PSI design pressure. The boiler will be cleaned on the fireside, waterside, inside, outside, and painted. The boiler pressure vessel, tubes, piping, and blowdown valves will be hydrostatically tested. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be electrically and mechanically checked throughout to identify and replace any defective components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on all controls. Price includes loading the boiler on your truck.	1989	Southeast
7089	Firetube Boiler	Cleaver Brooks	Cleaver Brooks 100HP Firetube Boiler. Built in 1982. 150psi, runs on gas. Two boilers available. Pictures show boilers " as is ". Boilers will be reconditioned : cleaned, painted, new controls, with a one year warranty on the controls. Guaranteed to pass hydro test and electrical test. Boilers are priced separately. Price includes loading the boiler on your truck.	1982	Southeast
7128	Firetube Boiler	Cleaver Brooks	Cleaver Brooks 80HP Firetube Boiler. Built in 1984. 4 pass dry-back with steam at 150psi. Burner is Cleaver Brooks and runs on gas. Boiler shown and priced " as is, where is " but will be electrical tested & hydro tested. Boiler can be offered " as, is " or " reconditioned " for an additional cost.	1984	Southeast
7205	Firetube Boiler	Cleaver Brooks	One (1) 2003 40 HP Cleaver Brooks, 4 pass dry back, gas fired, 15 PSI design pressure. The boiler will be cleaned on the fireside, waterside, inside, and painted. The boiler pressure vessel, tubes, trim piping, blowdown piping, and blowdown valves will be hydrostatically tested. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading the boiler on your truck.	2003	Southeast

Asset	Name	Manufacturer	Description	Built	Location
7206	Firetube Boiler	Cleaver Brooks	One (1) 1981 125 HP Cleaver Brooks, 4 pass dry back, No. 2 or 6 oil fired, 150 PSI design pressure. The boiler will be completely re-tubed. The boiler will be cleaned on the fireside, waterside, inside, and painted. The boiler pressure vessel, tubes, trim piping, blowdown piping, and blowdown valves will be hydrostatically tested. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading the boiler on your truck.	1981	Southeast
7207	Firetube Boiler	Cleaver Brooks	One (1) 1987 150 HP Cleaver Brooks, 4 pass dry back, gas fired, 15 PSI design pressure. The boiler will be cleaned on the fireside, waterside, inside, and painted. The boiler pressure vessel, tubes, trim piping, blowdown piping, and blowdown valves will be hydrostatically tested. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading boiler on your truck.	1987	Southeast
7209	Firetube Boiler	Cleaver Brooks	One (1) 1997 200 HP Cleaver Brooks CBE, 3 pass dry back, 150 PSI design pressure, natural gas and No. 2 oil fired. This boiler will be cleaned on the fireside, waterside, outside, and painted. The pressure vessel, tubes, trim piping, blowdown piping and blowdown valves will be hydrostatically tested. New electrical and control panels will be installed. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls, and Honeywell Mod Motor will be installed. The boiler will be totally re-wired. The boiler will be mechanically and electrically checked throughout to identify any defective or obsolete components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on controls. Price includes loading the boiler onto your truck.	1997	Southeast
7213	Firetube Boiler	Cleaver Brooks	One (1) 1992 800 HP Cleaver Brooks, 4 pass dry back, gas fired and #2 oil, 200 PSI design pressure. The boiler will be cleaned on the fireside, waterside, outside, and painted. The pressure vessel and tubes, trim piping, and blowdown valves and piping will be hydrostatically tested. New Honeywell 7800L (or equal) Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls, and Honeywell Mod Motor have been installed. The boiler will be completely rewired. The boiler will undergo a simulated test fire and will be electrically and mechanically checked throughout to identify and replace any defective components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on the controls. Price includes loading boiler on your truck.	1992	Southeast

Asset	Name	Manufacturer	Description	Built	Location
7214	Firetube Boiler	Cleaver Brooks	One (1) 1995 800 HP Cleaver Brooks, 4 pass dry back, gas and No. 2 oil fired, meets 30 PPM on gas, 150 PSI design pressure. The boiler will be cleaned on the fireside, waterside, outside, and painted. The pressure vessel and tubes, trim piping, and blowdown valves and piping will be hydrostatically tested. New Honeywell 7800L (or equal) Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls, and Honeywell Mod Motor have been installed. The boiler will be completely rewired. The boiler will undergo a simulated test fire and will be electrically and mechanically checked throughout to identify and replace any defective components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on the controls. Price includes loading boiler on your truck. Economizer also available for an additional cost.	1995	Southeast
7256	Firetube Boiler	Cleaver Brooks	One (1) 1978 100 HP Cleaver Brooks Boiler, 4 pass wet back, gas / #2 oil fired, with a Cleaver Brooks Burner, 150 PSI design pressure. Price includes loading the boiler on your truck.	1978	Southeast
7404	Firetube Boiler	Cleaver Brooks	Cleaver Brooks 50HP Firetube Boiler. Built in 2005. 4 pass dry-back, 350PSI design pressure. Fueled with gas. Burner is a Cleaver Brooks burner. This boiler is offered " as is ". We can recondition with warranty for additional cost. Price includes loading boiler on your truck.	2005	Southeast
7405	Firetube Boiler	Cleaver Brooks	One (1) 1995 150 HP Cleaver Brooks, 4 pass dry back, 250 PSI design pressure, natural gas fired. This boiler will be cleaned on the fireside, waterside, outside, and painted. The pressure vessel, tubes, trim piping, blowdown piping and blowdown valves will be hydrostatically tested. Fireeye Flame Safeguard Controls have been installed. New Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be mechanically and electrically checked throughout to identify and replace any defective or obsolete components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on controls. Voltage 460/3/60 VAC. This price is for the boiler only (loaded on your truck). No support equipment is included. No steam outlet valves are included.	1995	Southeast

Asset	Name	Manufacturer	Description	Built	Location
7085	Firetube Boiler	Cleaver Brooks	<p>Cleaver Brooks 400HP Firetube Boiler. Built in 1994. Natural gas and #2 oil fired, 200psi design pressure. Reconditioned-Reconditioned means that the boiler will be cleaned on the fireside, waterside, outside, painted, and hydrostatically tested. The Flame Safeguard Controls will be upgraded to the Honeywell 7800L Series or equal. New steam pressure controls will be installed. Fuel trains will be inspected. All trim piping, blowdown piping, and blowdown valves will be inspected and replaced if found defective or unsatisfactory. The boiler will be mechanically and electrically checked throughout. Anything found to be defective will be replaced. A final simulated test fire will be performed on the boiler to insure that everything is functioning properly. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at startup. We will give a one year parts replacement warranty on the controls. Shipment: Normally 4 weeks after receipt of down payment, but this can vary depending on the boiler chosen and the shop load at the time an order is received.</p> <p>Boiler prices are based on "ON-OFF" feed water level controls and 480 volt, 3 phase, 60 hertz voltage.</p> <p>The prices are for the complete boiler only. No additional support equipment is included. No steam outlet valves are included. We can quoted additional equipment, as needed, upon your request.</p> <p>No taxes of any kind are included in the price. Any applicable taxes will be added to the above prices, or we must receive a tax exempt certificate from the purchaser.</p> <p>Two boilers available- priced separately. Loaded on your truck.</p>	1994	Southeast
4818	Firetube Boiler	Cleaver Brooks Boiler	<p>Cleaver Brooks 300 HP Boiler. Year 1976. 4 pass dry back.150 PSI design pressure, gas fired. This boiler will be cleaned on the fireside, waterside, outside, and painted. The boiler pressure vessel, tubes, piping, and blowdown valves will be hydrostatically tested. New electrical and control panels will be installed. All new wiring will be installed. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler has been electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. 50% deposit required before reconditioning. Shipment ready 4 weeks after receiving down payment. Price includes loading the boiler on your truck. Two boilers available (priced separately).</p>	1976	Southeast
5106	Firetube Boiler	Cleaver Brooks Boiler	<p>Cleaver Brooks firetube boiler 350HP. 4 pass dry-back - Built 1979, 150 PSI design pressure, gas fired. This boiler will be cleaned on the fireside, waterside, outside, and painted. The boiler pressure vessel, tubes, piping, and blowdown valves will be hydrostatically tested. New electrical and control panels will be installed. All new wiring will be installed. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler has been electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading the boiler on your truck.</p>	1979	Southeast

Asset	Name	Manufacturer	Description	Built	Location
5339	Firetube Boiler	Donlee York	Donlee York 300HP Firetube Boiler. Model SPHV-300-N-200132. This boiler produces steam at 150psi and runs on natural gas. Boiler has been reconditioned. Price includes loading Year it was new: 2000, Rebuilt in 2014. Serial: 00-21032 H-14225. The boiler does not have a water makeup tank nor a softener. The unit has been rebuilt which includes: Hydro Test and wash out to remove scale from unit, Refractory in doors and burner throat inspected and repaired as needed, the pressure tools, fire side gaskets, and water side gaskets were replaced, boiler tubes were brushed, rebuilt wind box and installed new bearings, new mod motor for the blower, new chassis for the fireye flame safe, blowdown piping and valves replaced.	2000	Ft Worth, TX
7124	Firetube Boiler	Garioni	Garioni firetube boiler 300HP. Type NG5000, serial 7118. Mfg by Garioni, Brescia, Italy. Capacity 5000 kg/hr (11,000 pph steam or about 300 HP at 12 barg max (180 psig). Firetube 2-pass dry back type boiler. Built in 2002 but only used about 6 months. Electrical for controls is 110V 60 Hz. Burner fires on #2 fuel oil - pumps not included. Will need new control panel. Sold As Is - price includes loading on your truck.	2002	Ft Worth, TX
5713	Firetube Boiler	Johnston	Johnston 750HP Firetube Boiler. Built in 1992. 4 pass wet back, with steam at 200psi with a Johnston burner. Boiler runs on gas and #2 oil. Price includes loading onto your truck.	1992	Southeast
5714	Firetube Boiler	Johnston	Johnston 750HP Firetube Boiler. Built in 1993. 4 pass wet back, with steam at 200psi. Boiler runs on gas and #2 oil.	1993	Southeast
7020	Firetube Boiler	Johnston	Johnston 700HP Firetube Boiler. Built in 1989. 150psi with an IC burner. Runs on gas & #2 oil. Prices includes loading the boiler onto your truck.	1989	South Carolina
7134	Firetube Boiler	Johnston	Johnston 1500HP Firetube Boiler. Built in 1997. This is a 4 pass wet-back design, producing steam at 150psi. The burner is a Johnston that can run on gas or #2 oil.	1997	Southeast
7166	Firetube Boiler	Johnston	Johnston 200HP Firetube Boiler. Built in 1998. Steam at 250psi, and boiler runs on gas & oil. Boiler offered " as is " and is in excellent condition." Boiler is approximately 10 feet tall and 9 feet long. Price includes loading boiler onto your truck.	1998	Southeast
7218	Firetube Boiler	Johnston	Johnston Boiler 200 HP Reconditioned. 4 pass wet-back design, natural gas and No. 2 oil, 150 PSI design pressure. Built 1996 but will be reconditioned: completely re-tubed, cleaned on the fireside, waterside, outside, and painted. The pressure vessel, tubes, trim piping, blowdown piping, and blowdown valves will be hydrostatically tested. New fireside and waterside gaskets will be installed. The following items will be checked and replaced or repaired if found defective: Sight Glass and Gauge Cocks, Steam Pressure Gauge 0-300 PSI, Stack Temperature Gauge, Pilot Solenoid Valve, Water Level Controls, and the Fireye EP-110 Flame Safeguard Controls with Panel display. New Honeywell High Limit with manual reset, Honeywell Operating Limit, and Honeywell Modulating Limit steam pressure controls. Prior to shipment, the boiler will be receive a simulated test fire to insure that all system are functioning properly. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on all controls. Price includes loading the boiler on your truck.	1996	Southeast

Asset	Name	Manufacturer	Description	Built	Location
7258	Firetube Boiler	Johnston	One (1) 1989 750 HP Johnston Boiler, 4 pass wet back, gas / #2 oil fired, with an IC Burner, 150 PSI design pressure. Price includes loading the boiler on your truck.	1989	Southeast
7259	Firetube Boiler	Johnston	One (1) 1997 750 HP Johnston Boiler, 4 pass wet back, gas fired, with a Johnston 30 PPM NOx Burner, 150 PSI design pressure. Price includes loading the boiler on your truck.	1997	Southeast
7261	Firetube Boiler	Johnston	<p>Johnston 500HP Firetube boiler. Built in 1984. 4 pass wet-back, gas/#2 oil fired with a Johnston burner, 200PSI design pressure. Price includes loading the boiler on your truck. Reconditioned boiler will be cleaned on the fireside, waterside, outside, painted, and hydrostatically tested. The Flame Safeguard Controls will be upgraded to the Honeywell 7800L Series or equal. New steam pressure controls will be installed. Fuel trains will be inspected. All trim piping, blowdown piping, and blowdown valves will be inspected and replaced if found defective or unsatisfactory. The boiler will be mechanically and electrically checked throughout. Anything found to be defective will be replaced. A final simulated test fire will be performed on the boiler to insure that everything is functioning properly. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at startup. We will give a one year parts replacement warranty on the controls. Shipment: Normally 4 weeks after receipt of down payment, but this can vary depending on the boiler chosen and the shop load at the time an order is received.</p> <p>Boiler prices are based on "ON-OFF" feed water level controls and 480 volt, 3 phase, 60 hertz voltage.</p> <p>The prices are for the complete boiler only. No additional support equipment is included. No steam outlet valves are included. We can quoted additional equipment, as needed, upon your request.</p> <p>No taxes of any kind are included in the price. Any applicable taxes will be added to the above prices, or we must receive a tax exempt certificate from the purchaser.</p>	1984	Southeast

Asset	Name	Manufacturer	Description	Built	Location
7262	Firetube Boiler	Johnston	<p>Johnston 500HP Firetube Boiler. Built in 1987. 4 pass wet-back, gas/ #2 oil fired with a Johnston burner, 200PSI design pressure. Price includes loading boiler on your truck. Reconditioned boiler will be cleaned on the fireside, waterside, outside, painted, and hydrostatically tested. The Flame Safeguard Controls will be upgraded to the Honeywell 7800L Series or equal. New steam pressure controls will be installed. Fuel trains will be inspected. All trim piping, blowdown piping, and blowdown valves will be inspected and replaced if found defective or unsatisfactory. The boiler will be mechanically and electrically checked throughout. Anything found to be defective will be replaced. A final simulated test fire will be performed on the boiler to insure that everything is functioning properly. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at startup. We will give a one year parts replacement warranty on the controls. Shipment: Normally 4 weeks after receipt of down payment, but this can vary depending on the boiler chosen and the shop load at the time an order is received.</p> <p>Boiler prices are based on "ON-OFF" feed water level controls and 480 volt, 3 phase, 60 hertz voltage.</p> <p>The prices are for the complete boiler only. No additional support equipment is included. No steam outlet valves are included. We can quoted additional equipment, as needed, upon your request.</p> <p>No taxes of any kind are included in the price. Any applicable taxes will be added to the above prices, or we must receive a tax exempt certificate from the purchaser.</p>	1987	Southeast
7170	Firetube Boiler	Kewanee	<p>Kewanee 500HP Firetube Boiler. Built in 1987. steam at 250psi, 3 pass wet-back, 30PPM Low Nox. A New Industrial Combustion burner was installed in 2010. One year warranty on the controls. Guaranteed to pass hydro test. Price includes removal and loading the boiler onto your truck.</p>	1987	Southeast
5615	Firetube Boiler	Superior	<p>Superior Apachee 350HP Firetube Boiler. Built in 1997. 2 pass dry-back. Steam at 150psi. Burner is an IC. Runs on gas. This boiler will be cleaned on the fireside, waterside, outside, and painted. The boiler pressure vessel, tubes, piping, and blowdown valves will be hydrostatically tested. New electrical and control panels will be installed. All new wiring will be installed. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler has been electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading the boiler on your truck.</p>	1997	Southeast
5622	Firetube Boiler	Superior	<p>Superior Mohawk 350HP firetube boiler. Built in 1980. Steam at 150psi and runs on gas. Boiler has an IC burner, all new controls with a one year warranty on controls and a new flame safe guard. Guaranteed to pass hydro test and electrical test. Reconditioned and ready to ship in two weeks.</p>	1980	Southeast
5632	Watertube Boiler	Cleaver Brooks	<p>Cleaver Brooks 48,000 #/hr. watertube boiler. Built in 1997. Type " D " watertube. Model # DL60RH. Serial # WG3938. Pressure at 260psi. Boiler runs on gas / #2 oil / #6 oil. This boiler is in excellent condition. Price includes removal and loading (customer can remove the boiler as well for a lower price).</p>	1997	Virginia

Asset	Name	Manufacturer	Description	Built	Location
7254	Watertube Boiler	Nebraska	One (1) 1995 80,000 PPH Nebraska Model NS-F-65, "D"-Type, watertube boiler, 250 PSI design pressure, with a Todd VeriFlame Burner, for firing natural gas or No. 2 fuel oil. The burner does not meet 30 PPM NOx emissions. The boiler is in good condition, and complete with the burner, fuel trains, valves, duct work, economizer, and stack. The controls were not salvageable so it needs new controls. An inspection of the boiler can be arranged. The boilers have already been removed. Priced "as is", includes loading on to your truck	1995	Southeast
Centrifuge			17 Items		
5575	Centrifuge B214A	Alfa Laval	Alfa Laval B214A centrifuge. The complete unit will be reconditioned, balanced, new seals/bearings, painted. Photo shows machine prior to reconditioning - allow 4 to 6 weeks delivery. Reconditioning includes, complete disassembly of machine, sandblast and paint all carbon steel parts, remove gear pump, install end plate, Rebuild using all new parts, Bearings, seals, and O-rings(Viton), All Vibration Isolators units will be tested and come with manuals, some tools and one set of gravity discs. High speed balance will also be performed. 40hp motor will be rebuilt or new depending upon timing. Welcome to inspect the machine as tests are run to verify balance. Centrifuge can also be purchased " as is, where is " if desired.		Houston, TX
5567	Centrifuge B214C	Alfa Laval	Alfa Laval B214C centrifuge. The complete unit will be reconditioned, balanced, new seals/bearings, painted. Photo shows machine prior to reconditioning - allow 4 to 6 weeks delivery. We can quote an "As Is" price if desired.		Houston, TX
7116	Centrifuge B214C	Alfa Laval	Alfa Laval B214C and bowl assembly. Serial number 3533479. Capacity approximately 36,000 to 40,000 #/hr. Motor is 40HP. Used for waterwash. Very good condition.		Ft Worth, TX
7117	Centrifuge B214C	DeLaval	DeLaval B214C Centrifuge and bowl assembly. Serial number 3532804. Capacity approximately 36,000 to 40,000 #/hr. Motor is 40HP. Used for waterwash.		Ft Worth, TX
7300	Centrifuge CRPX-207	Alfa Laval	Alfa Laval centrifuge clarifier Model CRPX 207-74-A, Serial # 2925171, 2925176, 2925170. Disk Stack 316SS. Does not include motor, tools, or controls. Quantity (3) available - priced separately.		Chattanooga, TN
5242	Centrifuge MAPX-313	Alfa Laval Centrifuge	Alfa Laval MAPX 313 oil separator / centrifuge is fully automatic with stainless steel bowl, aluminum body. Self cleaning machine. Reconditioned - still in crate. It uses centrifugal force to separate fine solids and other impurities contained in the oils. Rated capacity on glycerin removal from biodiesel is 50 gpm. Rated capacity on diesel is 24,000 l/h. Completely reconditioned and balanced - still in crate. Frame and covers, internal and external have been restored to like new condition. New 40 HP TEFC motor 575 volt/3/60. Both heavy and light phase discharge under pressure. Teflon coated, internal brass parts electrolysis nickel for protection. Includes automatic sludge discharge, control panel with touch screen, water harness, bowl insertion & removal tools, manual.	2008	Ohio

Asset	Name	Manufacturer	Description	Built	Location
5716	Centrifuge RSA-80	Westfalia Separator	Westfalia Separator fully self cleaning primary centrifuge. Type RSA 80-01-076. S/N 1685 824. Built in 1985. Capacity on vegetable oil is 31,700 pounds/hour (14 MTPH). Runs at 4500 RPM. Currently used for soybean oil refining. Will handle density up to 1.1 kg/dm3. Has 1.5" inlet/outlet. 6' W x 5' D x 6' H. Voltage 460/3/60. Physical weight approx. 4300 pounds. Price does not include control panel, but we can furnish new controls. Price includes removal and loading. Unit is still in operation - Available on or after mid 2016	1985	Kingston, Jamaica
7350	Centrifuge RSE-200	Westfalia	<p>Westfalia RSE-200-01 centrifuge, direct-drive, explosion-proof motor. The bowl is already reconditioned. Price include the tools. Last application was corn oil separation / degumming of corn oil. Serial number (bowl & machine): 1718810. There are two (2) disk stacks for you to choose from: one (1) disk stack has thicker caulks for degumming, measuring 0.8 mm caulk thickness. The other disk-stack has thinner caulks which looks like it would be used for water-washing. One (1) stack of your choice is included with the AS-IS purchase.</p> <p>*Note: We have already added the bowl sludge port wear protection as we had started to rebuild the machine for stock-inventory. The bowl assembly is in immaculate condition.</p> <p>**Note: There are no controls or control-related items included in the AS-IS purchase.</p> <ul style="list-style-type: none"> • Vertical design and self-cleaning operation , with body built in carbon steel and contact parts in stainless steel. • bowl speed : 4700 RPM . • Motor direct drive . • Explosion Proof WEG 50 HP motor, 3 -phase , 60 Hz, 460-480 Volt. 1800 RPM • Year: 1999 • The machine has been cleaned, checked • Capacity 60,000-65,00Lbs degumming . / Hr. and Refining : 60,000-65,00Lbs lbs. / hr . 	1990	Indiana
5717	Centrifuge RTA-140	Westfalia Separator	Westfalia Separator water wash centrifuge. Type RTA-140-51-076. Built in 1985. 1.5" inlet/outlet. 5' W x 4' D x 5.5' H. Price does not include control panel, but we can furnish new controls. Available on or after mid-2016.	1985	Kingston, Jamaica
7156	Centrifuge SAMN 15037	Westfalia	Westfalia SAMN 15037 available. Year 1975 with a BSB 100 rotary brush This machine was overhauled by Westfalia 2009 and was removed in 2011, it was in a winery and used to work around 4 weeks a year, to filter the new wine, with yearly inspections by Westfalia technical service after. Drum and mechanical parts are in very good conditions (inspected by a technician during dismantling). 380V/50Hz/3 phase.	1975	Spain
7162	Centrifuge SAMN-15037	Westfalia	Westfalia Centrifuge SAMN-15037 (SA-40-03-177) with starter and timing unit. 3-phase centrifuge. Bowl: All parts polished stainless steel. Tools & spare gaskets: Included are (1) set of necessary tools and (1) set of spare gaskets.		South Carolina
5765	Centrifuge SRG-214	Alfa Laval	Alfa Laval Centrifuge. Model SRG-214. 4500 RPM Bowl speed with a 30HP motor. 15,000 to 18,000 lbs / hr. Contact parts are stainless steel. This model is not a self cleaning machine. Centrifuge has been rebuilt. An Alfa Laval SRG214-14-60 control panel with VFD can be purchased additionally. Quantity (2) - priced separately.		Ft Worth, TX

Asset	Name	Manufacturer	Description	Built	Location
7416	Centrifuge SRG-214	Alfa Laval	Alfa Laval SRG-214 centrifuges separator. Direct drive, used. With controls. Controls furnished - older style. Price includes removal and loading on your truck. Primary separator, Flow is about 30,000 pounds/hour (65 gpm). Stainless steel disk stack, manual cleaning. Was in use as a primary separator on soybean oil - has been idled since 2009. We can completely recondition for you, and/or add a VFD drive with control panel for additional amount. Quantity (2) - priced separately		Clarksville, OH
7118	Centrifuge SSB215T	Alfa Laval	Alfa Laval centrifuge SSB215T-14CP-60, mfg serial number 4047669. Stainless steel housing and stainless steel disk stack & bowl. Specs: maximum hydraulic capacity 53 gpm (12,000 liters/hr), effective capacity 30-45 gpm, sediment capacity 12 liters, direct drive 40HP motor. Water wash machine - capacity about 50,000 #/hr. Product number 881142-01-01, Stainless steel housing. Solids will be retained in the bowl - manual cleaning. Physical dim approx 58" x 34" x 72". Sold As Is and price includes loading. We can recondition for you including tools, plc controls and touch screen for additional cost		Ft Worth, TX
7147	Centrifuge SSB215T	Alfa Laval	Alfa Laval centrifuge SSB215T-14CP-60, Stainless steel housing and stainless steel disk stack & bowl. Specs: maximum hydraulic capacity 53 gpm (12,000 liters/hr), effective capacity 30-45 gpm, sediment capacity 12 liters, direct drive 40HP motor. Water wash machine - capacity about 50,000 #/hr. Product number 881142-01-01, Stainless steel housing. Solids will be retained in the bowl - manual cleaning. Physical dim approx 58" x 34" x 72". Sold As Is and price includes loading. We can recondition for you including tools, plc controls and touch screen for additional cost.		Grant City, MO
7386	Decanter	Sharples	Sharples decanters SG15. Serial number 83-SG15-143. (All are 83-SG15-...) PR405/1- These all have controls, motor and back drives. Removed - will need skidded - priced As Is. Qty (5) - Priced separately.	1983	Midwest
7439	Tricanter Centrifuge	Flottweg	Flottweg tricanter model Z23-3 designed to split three streams. Only has 1770 hours of operation, excellent condition.		California

Columns

3 Items

31-C-196	Absorber Column	Springs Fabrication	Absorber column Manufactured by Springs Fabrication in 2009. ASME MAWP 800 psig/FV at 350F, Nat'l Bd#2074, s/n 09-4163-2074. Physical size 5 ft dia Bottom/ 2'-4" Top x 87 ft tall. Materials 304SS/CS. Used as an absorber column for CO2/BTEX. Packing is Koch-Glitsch Random Packing CO2/BTEX w/ 304SS distributor/ 3 support trays. Rated for 800 psig/FV, 350F. Ran 42 days in 2009 - idled in 2010. Still installed - price does not include removal. Includes structure and auxiliary instruments installed on it.	2009	Soperton, GA
7385	Distillation Columns (2)	Mtech Mechanical	Distillation system including 2 columns and heat exchanger. Manufacturer was Mtech Mechanical. Two Stainless Steel Columns, all wetted parts 304L stainless. Column 1 is 24 inch od x 23 ft 2 in tall, insulated. MAWP 15 psi/fv at 350F. Includes mist eliminator and packing. Packing dump porthole 12 inch. Column 2 is 24 in OD x 16 ft -11 in tall, insulated. MAWP 15 psi/fv at 350F. Includes 2 stripper plates, ss mesh packing. Packing dump porthole 12 inch Heat exchanger is American Standard. Last used for methanol recovery in a pharmaceutical application. Already removed - price includes loading.		Colorado

Asset	Name	Manufacturer	Description	Built	Location
C-1505	Side Stripper Distillation Column	A&B Process	Built by A&B Process for ICM in 1998. S/N 80823501. Shell and plates are 304SS. Contains 18 trays. Size is 5.5 ft diameter x 37 ft tall s/s, OAH 43 ft. ASME Nat'l Bd # 5 rated at MAWP 40/-7 PSI @ 250F. MDMT -20F @ 40/-7 PSI. Dry weight per drawing is 10,114 lbs (does not include ladders, grating, insulation, any pipe) See drawings for more information. Actual dimensions for transport are 7 ft-4 in wide x 7 ft-4 in tall x 44 ft long, weight when lifted down was 15,000 pounds. Column has been removed and is ready to load.	1998	Hastings, NE
Compressor			18 Items		
FP111	Cylinder for Superior Gas Compressor	ACI	ACI Compressor cylinder for Superior compressor. 7" stroke HE, W-7 Class CL13H-7-15 7/8", s/n CDN1272. MAWP 425 PSIG.		Soperton, GA
FP112	Cylinder for Superior Gas Compressor	ACI	ACI Compressor cylinder for Superior compressor. Bore 21-3/4" x 7" stroke HE, W-7 Class CL13L-7-21 3/4", s/n CDN1269. MAWP 225 PSIG		Soperton, GA
FP113	Cylinder for Superior Gas Compressor	ACI	ACI Compressor cylinder for Superior compressor. Bore 21-3/4 x 7" stroke HE, W-7 Class CL13L-7-21 3/4", s/n CDN1271. MAWP 225 PSIG.		Soperton, GA
FP114	Cylinder for Superior Gas Compressor	ACI	ACI Compressor cylinder for Superior compressor. Bore 15-7/8 x 7" Stroke HE, W-7 Class CL13H-7-15 7/8", s/n CDN1274. MAWP 425 PSIG.		Soperton, GA
FP103	Cylinder for Superior Gas Compressor	Superior	Cylinder for Superior White MW62 gas compressor. Bore 6" x stroke 6 inches. MAWP 1650 psig. Rebuilt - zero hours		Soperton, GA
FP104	Cylinder for Superior Gas Compressor	Superior	Cylinder for gas compressor - White Superior cylinder size 7" x 6 MW class155CD complete w/ VVCP 1650LB MAWP. s/n 34973. Cylinder has been rebuilt - zero hours.		Soperton, GA
FP105	Cylinder for Superior Gas Compressor	Superior	Cylinder for White Superior Compressor - size 10 1/4" x 7 w/ STD head. CE suction valve unloaders. s/n 318315. Cylinder has been rebuilt		Soperton, GA
FP106	Cylinder for Superior Gas Compressor	Superior	Cylinder for gas compressor - White Superior Compressor. Size 10 1/4" x 7 Class 140TCX, CE Suction valve unloaders. s/n 318751		Soperton, GA
FP130	Cylinder for Superior Gas Compressor	Superior	Cylinder for Superior compressor - Rebuilt - zero hours	2010	Soperton, GA
FP139	Cylinder for Superior Gas Compressor	Superior	Cylinder for Superior compressor. Rebuilt - zero hours		Soperton, GA
FP140	Cylinder for Superior Gas Compressor	Superior	White Superior Cylinder 7 1/2 " bore x 6" stroke W-6 class 115CD complete w/VVCP. s/n 276433.		Soperton, GA
FP142	Cylinder for Superior Gas Compressor	Superior	Cooper Superior 7" stroke, W-7 Class 7FE-7-3.50. MAWP 3300 PSIG. s/n 301041. This cylinder is field run, serviceable.		Soperton, GA
FP145	Cylinder for Superior Gas Compressor	Superior	Cylinder for gas compressor Cooper Superior White, bore 7" x 6 stroke, Class 155CD, MAWP 1650 PSIG. s/n 285242. Rebuilt with zero hours.		Soperton, GA
FP146	Cylinder for Superior Gas Compressor	Superior	Cylinder for Cooper Superior White compressor - size 7 1/2" bore x 6" stroke W-6 class 115CD complete w/VVCP. s/n 276432. Rebuilt with zero hours		Soperton, GA
FP138	Cylinder Housing only for Superior comp	Superior	White Superior Cylinder Class 115CS w/std heads, barrels with head end plugs only. No pistons, rods, valves, etc. Not remanufactured. W-6 Class. s/n 320233		Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
FP141	Cylinder Housing only for Superior Comp	Superior	White Superior Cylinder Class 115CS w/std heads, barrels with head end plugs only. This is compressor housing only - No pistons, rods, valves, etc. Not remanufactured but not used. W-6 Class. s/n 320253		Soperton, GA
7297	Gas Compressor		Piston gas compressor with vertical drive motor. Has Lincoln force feed lubricator system and heat exchanger. Piston gas compressor set for a horizontal 250 HP drive motor & sheave arrangement (motor missing). Size 7 1/2 x 4 1/2, Model MD BADA, S/N 8A8AE98. Has Lincoln force feed lubricator system, strainer, heat exchanger. Last used in natural gas service - good for parts or will need major reconditionng		Chattanooga, TN
7294	LeRoi Gas Compressor Skid Packages	LeRoi	Four LeROI Model MHGF 12000 Gas Compressor SKID Packages - NEW, not used. Skid 88 in x104 in welded steel with 2 in drip edge. Compressor rotor twin screw diameter 127.5 mm. Drive motor 40HP TEFC 230/460V 60Hz belt drive w/guard, inlet scrubber. Starter / control panel with shutdowns, all plumbing & electrical wiring, all drains & piping connections to edge of skid. Please see the attached pdf's for drawings and parts list. These units were fabricated in 2009 and never put in to service. The application these units can be used for: gas gathering, well head gas compression, fuel gas boosting, vapor recovery, inlet gas boosting, and landfill gas. Weight 6,000 pounds each. Ready to Load. Four skids available - priced separately, Price includes loading. Discount if all 4 are purchased	2009	Texas

Electrical

63 Items

S1304B	Circuit Breaker	Cutler Hammer	Square D NEMA size 0 circuit breaker with Cutler Hammer enclosure. Class 8536. Type: SB0 2, Form S, Series A. 3 phase rating. 200/230VAC: 3HP max. 380/460/575VAC: 5HP max.		Jacksonville, IL
S1407B	Circuit Breaker	Westinghouse	Westinghouse Series C motor circuit protector. 7A, 600VAC-250VDC. 3 pole switch. Cat no. HMCP007C0C. Style: 6630C87G05		Jacksonville, IL
H107	DC Motor 25 HP	Reliance	DC Drive - Reliance electric 25 HP agitator motor. TEFC enclosure. 2500/3000 RPM. 500V, 41.5A. Built for continuous duty SF 1.0. Identification No. 1KA5815555-RM.		Grant City, MO
H108	DC Motor 25HP	GE Kinamatic	DC Drive - GE Kinamatic electric 25 HP agitator motor. TEFC enclosure. Type 327AT. Model 50D183TA015B001. S/N NP-8-136-NP. 2500/3000 RPM. 500V, 40.3A. Built for continuous duty.		Grant City, MO
H2002	Electric Motors (Lot)		Lot of 6 electric motors. NEW. Includes four 15 HP motors @ 3535 RPM, a 25 HP motor @ 3545 RPM, and a 30 HP motor @ 1465 RPM.		Grant City, MO
H3002	Electric Motors (Lot)		Lot of electric motors (2 pallets). Approx. 1 - 1.5HP motor, 10 - 2HP motors, 4 - 3HP motors, 3 - 15HP motors, 1 - 20 HP motor, 2 - 25HP motors.		Grant City, MO
S1405B	Electrical Box	Signal Division	Signal Division weatherproof electrical box. Model WB Series B. NEW in box		Jacksonville, IL
SB09B	Electrical Box	Square D	Square D electrical control enclosure.		Jacksonville, IL
7016	IP20	Allen Bradley	Allen Bradley Preset Spd. Series C. Model 160-BA04NPS1. These have not been tested, sold "as is" and items pictured may not be the exact unit shipped. Input 380-460 volts, 50/60 hz. Output: 380-460V.		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
7015	Loop Detector	Sarasota	Sarasota Detect 515B Loop Detector Single Channel Shelf Mount. Sarasota 515B Single Channel Vehicle Detector Simple Type: PLC Analog I/O Modules. The Sarasota 515B/MS is a single channel inductive loop detector using the latest microcomputer technology to provide sensitivities and response times substantially independent of loop size. Failsafe circuitry quickly identifies open or short circuit loop faults and is backed up by a "self healing" feature which enables the detector to revert to normal operation once the fault condition is removed, subject to presence time. This has not been tested, sold "as is".		Jacksonville, IL
M107	Motor	Marathon	Marathon electric motor. Frame 286T. 1765 RPM. 230/460V		Grant City, MO
M110	Motor	Pacemaker	Pacemaker electric motor		Grant City, MO
M1012	Motor	Toshiba	Toshiba electric motor		Grant City, MO
M103	Motor 100 HP	GE	GE 100 HP electric motor. Frame 405TS. 1780 RPM. 230/460V, 140/70A.		Grant City, MO
M111	Motor 100 HP	Pacemaker	Pacemaker 100 HP electric motor. Frame 405TS. 1730 RPM. 230/460V		Grant City, MO
31-MT-240A	Motor 125HP	Siemens	Siemens 125HP motor SN D09T0042NPX 001 , Amps 138, rpm 3575, Frame 444TS 460/3/60. Part of Pump 31-P-240A, not sold separately	2009	Soperton, GA
31-MT-240B	Motor 125HP	Siemens	Siemens 125HP motor SN E09T0042NPX 001 , Amps 138, rpm 3575, Frame 444TS 460/3/60. Part of Pump 31-P-240B, not sold separately	2009	Soperton, GA
MPD-1669	Motor 15HP	Marathon	Motor - Marathon Electric Blue Chip 15 HP electric motor. Built in 2008. 1770 RPM. 240/260V, 39/19.5FLA, 60Hz.	2008	Grant City, MO
FP118	Motor 1750 HP	Reliance	Reliance 1750HP motor, 895 RPM, 4160 Volt 3 phase. Type P, Code G, Frame D240. SF 1.15. S.O. # 56703. Motor was completely remanufactured and has never been used.		Soperton, GA
FP119	Motor 1750 HP	Reliance	Reliance 1750HP motor, 895 RPM, 4160 Volt 3 phase. Type P, Code G, Frame D240. SF 1.15. S.O. # 56698. Motor was completely remanufactured and has never been used.		Soperton, GA
31-MT-120	Motor 1750HP	Reliance	Reliance Motor 1725 HP. Frame 9240, Volts 4160, Type P, RPM 895, HP 1750. Part of compressor 31-K-120, not sold separately	2009	Soperton, GA
31-MT-216	Motor 1750HP	Reliance	Reliance Horizontal Motor 1750 HP, remanufactured - only ran 42 days - like new. Frame 9240, Volts 4160/60/3, Type P, RPM 895, HP 1750. Part of compressor 31-K-216, not sold separately	2009	Soperton, GA
M1005	Motor 30 HP	Marathon	Marathon 30 HP electric motor. Frame 286TS. 3545 RPM. 230/460, 68.4/34.2A.		Grant City, MO
H114	Motor 30 HP	Marathon Electric Blue Chip	Marathon Electric Blue Chip 30 HP electric motor. EPFC enclosure, 3530 RPM. Built in 2010. Model JJ286TSTGP4001CDL. Frame 286TS, 230/460V, 72/36 FLA, 60 Hz. SF 1.15 continuous duty. Physical weight 205 pounds	2010	Grant City, MO
H106	Motor 300 HP	ABB	ABB 300 HP electric motor. NEW, not used. Type M2BA 506LB 4 B3, S/N 3342978. 1782 RPM, frame 506T. Built for continuous duty. 460V, 337FLA, 60Hz, 3 phase. Was a spare motor for an Alfa Laval Sharples decanter. NEW Motor		Grant City, MO

Asset	Name	Manufacturer	Description	Built	Location
31-MT-204	Motor 300HP	Baldor/Reliance	Baldor/Reliance 300HP motor Model B456702, SN B456702-010 Frame 449TDZ, Id.#, Amps 326. 460/3/60 at 3750 rpm. Motor for Frick Compressor - see 31-Z-204. Not sold separately	2009	Soperton, GA
M101	Motor 40 HP	GE	GE 40 HP electric motor. Frame 324TS. 3565 RPM. 460V, 43.7A.		Grant City, MO
M102	Motor 40 HP	GE	GE 40 HP electric motor. Frame 324TS. 3565 RPM. 460V, 43.7A.		Grant City, MO
H113	Motor 40 HP	Marathon Electric Blue Chip	Marathon Electric Blue Chip Severe Duty 40 HP electric motor. NEW 3545 RPM. Built in 2005. Model CN324TSTGP4001CDL. 230/460V, 95/47.5 FLA, 60 Hz. Enclosure EPFC, Frame 324TS, continuous duty. Physical weight 584 pounds.	2005	Grant city, MO
M108	Motor 40 HP	Pacemaker	Pacemaker 40 HP electric motor. Frame 404T. 1185 RPM. 220/440V, 147/73.5A.		Grant City, MO
H2001	Motor 400 HP	Siemens-Allis	Siemens-Allis electric induction 400 HP motor, vertical shaft. Model 145, S/N 1-5117-51041-1-1. Type FODV. Frame 507UP. 52.8 Amps, 4000V, 60 Hz. 1780 RPM. Includes 400W space heater. Last service was on cooling tower pump.		Grant City, MO
H112	Motor 400 HP	TECO	TECO 400 HP electric motor. NEW. 1785 RPM, Frame 58088, Enclosure TEFC. 2130/4160V, 60 Hz, 4 phase. Motor shaft size: 4 13/16" dia x 12" long.		Grant City, MO
7414	Motor 40HP	SEW-Euro Drive	Motor SEW- Euro-Drive motor with brake. Type DV200L4BH31MR, TEC C3PM, volts 230/460. Amps 95/47.5, HP 40, RPM 1760. Brake volts 460AC, Torque 221 lbs/ft. Motor is New - bought in 2009 and has been sitting in controlled temp warehouse since then.	2009	Illinois
M106	Motor 50 HP	Marathon	Marathon 50 HP electric motor. Frame 365T. 1180 RPM. 230/460, 124/62A.		Grant City, MO
H109	Motor 60 HP	Marathon Electric Blue	Marathon Electric Blue Max electric 60 HP motor. NEW. 3000 RPM. Model EVD 364THFS8046BT W. S/N WAA033158. Enclosure TEBC, Frame 364TC. 230/460V, 60Hz. Built 2007 - not used	2007	Grant City, MO
M109	Motor 60 HP	Pacemaker	Pacemaker 60 HP electric motor. Frame 404T. 1185 RPM. 220/440V, 147/73.5A.		Grant City, MO
FP108	Motor 600 HP	Westinghouse	Westinghouse 600HP, 883 RPM, 4160 Volt, 3 PH. Frame 6810-L. Type TEFC, LAC. SO # 56704		Soperton, GA
41-MT-140	Motor 600HP	Westinghouse	Westinghouse horizontal Motor 600HP, rebuilt. Motor shaft size 4.124", 1' keyway. Westinghouse motor 600HP, 893 rpm, frame 6810L, 4160 v/60/3. S.F. 1.15, SO# 56705. Motor has been completely reconditioned - used only 42 days. Like New. Last used as Synloop compressor motor. Part of compressor 41-K-140, not sold separately.	2009	Soperton, GA
H111	Motor 75 HP	General Electric	General Electric Triclad induction motor. NEW. 75 HP, 1770 RPM. 460V, 86.6A, 60Hz, 3 Phase. Model 47.5466.426, sn AY34913. Enclosure TEFC, Frame 405T. Continuous duty. Motor shaft size 2 3/4" dia. X 7" long.		Grant City, MO
S1401B	Motor Starter	Cutler Hammer	Cutler Hammer starter. NEMA size 0. Model B10BG0 Series A1. Comes with Cutler Hammer enclosure and heaters.		Jacksonville, IL
H2011	Motors 25HP & 30HP		Lot of 2 electric motors. 25HP motor 460/3/60 frame 286T 1465rpm. 30HP motor 460/3/60 frame 284TS 3545 rpm		Grant City, MO

Asset	Name	Manufacturer	Description	Built	Location
S1604B3	Pilot Light - Push/Pull Red	Allen Bradley	Allen Bradley Bulletin 800T Pilot Light-Red. Cat. No. 800T-P16. Type 4, 13. Includes Hoffman industrial control panel enclosure Cat. No. E-1PBX. New.		Jacksonville, IL
S1604B2	Selector Switch	Allen Bradley	Allen Bradley 3-position maintained black standard knob selector switch. Bulletin 800T. Cat. No. 800T-J2KC1B Series T. Type 4, 13. Includes Hoffman industrial control panel enclosure Cat. No. E-1PBX. New.		Jacksonville, IL
E2356	Transformer - 7.5KVA and 5KVA	EGS	General Signal Hevi-Duty Transformers, 60Hz 1 phase: There are 2 transformers offered as a unit. Primary 240/480v, Secondary 120/240v. UL Listed. Transformer 1 is 7.5 KVA, Model HS1F7.5A. Transformer 2 is 5 KVA, Model HS1F5A. Dimensions: 9"L x 10"W x 17"H		Jacksonville, IL
SJ165	Transformer 10 kVA	GE	Dry Type Transformer, GE 10 KVA, single phase. Primary 432/456/480v, secondary 120/240v. Model 9T21B1009G2. Enclosed indoor/outdoor unit. Type QMS.		Jacksonville, IL
7157	Transformer 2500 KVA	Cooper	Cooper 2500 KVA Transformer. Catalog # 0030WA16D51S, Serial # 986002240. High Voltage 13200 (With Tap change range 12540-13860, Low Voltage: 480Y/277, Impedance 5.6%. Oil filled transformer - PCB free with cert tag attached. Has been idle since 2004	1999	Lincoln, NE
7158	Transformer 2500 KVA	Westinghouse	Westinghouse Transformer 2500 KVA. Serial # SBV 0552-01. High voltage 13200 Y (With Tap change range from 12540-13870), Low Voltage 480 delta/277, Impedance 5.22%. Oil filled, PCB free with cert tags attached. Idle since 2004	1999	Lincoln, NE
7017	VFD	Allen Bradley	Allen Bradley Bulletin 1333 Adjustable Frequency AC Drive, Series D+ 3PH, 460/415/380 volts, 50/60 Hz. Input 2.6 kva 460v 3 phase 3.3 amps, Output 1.7 kva 460v 3 phase 2.1 amps. Tested and guaranteed to work.		Jacksonville, IL
S1404B	VFD	IDM Controls	IDM Controls, Inc. P5 Series general purpose AC drive. Model: CIMR-P5U47P5 Spec: 47P51F. 3 Phase. Input: 380-460V, 50/60HZ, 26A, Output: 21A 460v 3 phase.		Jacksonville, IL
S1406B	VFD	IDM Controls	IDM Controls, Inc. P5 Series general purpose AC drive. Model: CIMR-P5U43P7 Spec: 43P71CU. 3 Phase. Input: 380-460V, 50/60HZ, 10.2A; Output: 0-460V, 0-400HZ, 8.5A		Jacksonville, IL
7011	VFD 1HP	Woods	E-Trac VFD 1HP AC inverter, model XFC4001-OB. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 400-460±10% volts, 2.3 amp, Output: 1 HP, 7.0-460 volts.		Jacksonville, IL
S1402B	VFD 25HP	Allen Bradley	Allen Bradley Variable Frequency Drive (VFD). Powerflex 400. Cat No. 22C-D038A193 Series A. S/N: CD038A0T5050010. Motor rating 18.5kW/25HP. Input: 380-480V, 48-63Hz, 40A. Built in 2005. IP30/NEMA 1/UL type 1.	2005	Jacksonville, IL
S1403B	VFD 25HP	Allen Bradley	Allen Bradley variable frequency drive (VFD). Powerflex 400. Built 2004. Cat No. 22C-D038A193 Series A. Serial # CD038A0T4390002. Motor rating 18.5 kw/25HP. Input 380-480v, 48-64 Hz. IP30/NEMA 1/UL type 1	2004	Jacksonville, IL
7014	VFD 2HP	Allen Bradley	Allen Bradley AB 1305 VFD 2HP AC Drive, Model 1305-BA04A. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 380-460 V, 50/60 Hz. Output: 380-460V, 4 Amp. Quantity (3) available - priced separately.		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
7005	VFD 2HP	VACON	VAC-ON X series VFD 2 HP, Input 380-460V ± 15%. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Quantity (6) available - priced separately		Jacksonville, IL
7004	VFD 2HP	Woods	E Trac Woods VFD AC inverter Model XFC4002-0B. Items pictured may not be the exact unit shipped. Input: 400-460 ± 10% Volts, 50/60 Hz, 3 PH, 5.1 Amps, Output: 2 HP, 7.0-460 volts, 4.1 amps. Tested and guaranteed to work. Quantity (96) available - priced separately		Jacksonville, IL
7006	VFD 2HP	Woods	Woods X4 VFD AC Drive X series, Model X4C4002-OC, 2 HP, Input 380-460V±15%; 3 PH, 50/60 Hz. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Quantity (21) available - priced separately		Jacksonville, IL
7012	VFD 2HP	Woods	Wood's VFD 2HP MicroInverter, model XFC4002-OC. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 380-460 ± 15%, 3PH. Output: 2HP, 7.0-460 volts.		Jacksonville, IL
7007	VFD 3HP	Woods	Wood's E-Trac VFD AC inverter, Model XFC4003-OB. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 400-460 ± 10%; 50/60 Hz, 3 PH, Output: 3HP 7.0-460 Volts. Quantity (4) available - priced separately		Jacksonville, IL
7008	VFD 5HP	Woods	E trac WFC Ht VFD AC inverter, model WFC4005-OCHT, Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 380-460 V, 3PH, 50/60 Hz, Output 5 HP, 460 Volts, 3PH. Quantity available (9) - priced separately		Jacksonville, IL
7009	VFD 5HP	Woods	E Trac Woods VFD AC inverter, model WFC4005-OCHT, Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 460 3PH 50/60 Hz, Output: 5 HP, 460 Volts, 3PH. Quantity (2) available - priced separately		Jacksonville, IL
7010	VFD 7.5HP	TB Woods	E Trac X4 VFD 7.5HP AC Drive, model X4C4007-5C. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Size 7.5 HP, 380-460V±15%, 3PH, 50/60 Hz.		Jacksonville, IL
7431	Vibratory Motors		Vibratory Motors: These can promote the flow of stubborn materials from your hoppers, bins, chutes or pipes. See attached pdf for list of available motors.		Marisa, IL
Filter			74 Items		
5668	Bag Filter - 2 Bag	Rosedale	Rosedale Vertical Polish Filter, 2-Bags Model 16304F1150CS316, Serial No. RD3758. Built 1996. Carbon Steel Shell with Stainless Baskets. With 3" Inlet/Outlet Flanged Conn. Last used in edible food oil service.	1996	Ft Worth, TX
5674	Bag Filter - 2 bag (2)	Rosedale	Rosedale Vertical Polish Filter, 2-Bags. Model 18304F1150CC, Serial No. RD2385 and RD2354, Built 1994 and 1989, respectively. Carbon Steel Shell with Stainless Baskets. With 3" Inlet/Outlet Flanged Conn. Last used in edible food oil service. Quantity (2) available.	1994	Ft Worth, TX
T585	Bag Filter - 2 bag (7)	Rosedale	Rosedale 2-bag filters - used for polish filters. Model 16303F1150CC. Stainless steel baskets, carbon steel shell. Last used as a food grade edible oil polishing filter. With 3" inlet/outlet flanged connection. Serial numbers: RD1989, RD1990, RD1991, RD2540, RD2341, RD2433, RD2435. Quantity (7) - priced separately. We can recondition for you.		Ft Worth, TX

Asset	Name	Manufacturer	Description	Built	Location
7146	Bag Filter - 3 Bag	American Filter	Polishing filter 3 bag. Model So-Clean by American Filter. ASME stamped		Grant City, MO
FT704	Bag Filter - 3 bag	Rosedale	Rosedale Multi-bag polishing filter. 3 bag polish filter, Model 18304F1150CC with 3" flanged connections. Takes #2 bags, Stainless steel baskets, carbon steel housing. Built 1997. Currently used to filter (polish) edible oil. We can recondition for you. Quantity (2) - priced separately	1997	Ft Worth, TX
5667	Bag Filter - 3 Bag	Rosedale	Rosedale Vertical Polish Filter, 3-Bags. Serial No. RD1153 through RD1156, Built 1989. Carbon Steel Shell with Stainless Baskets. With 3" Inlet/Outlet Flanged Conn. Last used in edible food oil service. Quantity (4) available - priced separately.	1989	Ft Worth, TX
T327	Bag Filter - 4 bag	FSI	FSI 4-bag carbon steel polishing filter. Model FSPZ800-C/S 4-bag filter ez-open lid with 4" flanged connection. Has four ss baskets for filter bags. Last used as a food grade oil bleaching polishing filter. We can recondition for you		Ft Worth, TX
7030	Bag Filter - 4 bag	FSI	FSI 4-bag carbon steel polishing filter. Model FSPN800-C/S 4-bag filter. Manual open lid with 3 inch flanged connection. Has four ss baskets for filter bags. 800 GPM Maximum Flow Rate. 150 PSIG Maximum Pressure @ 400°F. Price shown includes reconditioning & painting		Ft Worth, TX
T633	Bag Filter - Single Bag	Crall	Crall products polishing filter - bag type. Model CBF-20-4-732-S, ASME NB #2926, serial 42315-2. Built 2000. MAWP 150 psi at 200F. Carbon steel. ASME MAWP 150 psi at 400F. With 3" inlet/outlet flanged connection. Last used as a food grade edible oil polishing filter. We can recondition for you.	2000	Ft Worth, TX
5689	Bag Filter - Single Bag	Crall Prod.	Crall Prod. Vertical Polish Filter, Single Bag Model CBF-20-4-732-S, Serial No. 42472, Built 2001. Carbon Steel Shell with Stainless Baskets. With 4" Inlet/Outlet Flanged Conn. Last used in edible food oil service.	2001	Ft Worth, TX
5701	Bag Filter - Single Bag	Cutler Metal	Cutler Metal Vertical Polish Filter, Single Bag. Heads: 750 thk. Serial No. 95640, Built 1977. Carbon Steel Shell with Stainless Baskets. With Duplex / 3" Connect. Last used in edible food oil service.	1977	Ft Worth, TX
5679	Bag Filter - Single Bag	Rosedale	Rosedale Vertical Polish Filter, Single Bag Model 82304F1150CBS, Serial No. 127800, Built 2000. Carbon Steel Shell with Stainless Baskets. With Duplex / 4" Connect. Last used in edible food oil service.	2000	Ft Worth, TX
5691	Bag Filter - Single Bag	Tri-Clover	Tri-Clover Vertical Polish Filter, Single Bag Model Sanitary, Stainless. With 2" Inlet/Outlet Conn. Last used in edible food oil service.		Ft Worth, TX
T546	Bag Filter - Single Bag (2)	FSI	FSI single bag polishing filter. Carbon steel shell with stainless baskets. Model FSP-40-2-CS, serials 12143 and 12146. MAWP 150 psi at 500F. Built 1986. Last used as a food grade edible oil polishing filter. Quantity (2) available. We can recondition for you.	1986	Ft Worth, TX
5700	Bag Filter - Single Bag (2)	FSI	FSI Vertical Polish Filter, Single Bag Model FSP-250-CS, Serial No. 6972 and 8296, Built 1983. Carbon Steel Shell with Stainless Baskets. With Duplex / 4" Connect. Last used in edible food oil service. Quantity (2) available - priced separately.	1983	Ft Worth, TX

Asset	Name	Manufacturer	Description	Built	Location
H2003	Baghouse Dust Collection System	Hosokawa Mikropul	Dust collection system by Hosokawa Mikropul, Model 144S-12-20-TR. Mikro Pulsaire dry dust collector, self cleaning. Captures sub micron particles in gas stream, with suction blower, filter, 20 HP Kice small pneumatic blower, vent baghouse. Suction blower made by AE Fan Engineering, Size M-23, type IE, moves 15,000 CFM with 75 HP motor. Filter has 2,035 sq ft. surface area and uses 16oz. Poly bag filters - 4.5" dia by 8 or 10 or 12 ft long. Includes duct between blower and baghouse. Approximate weight of baghouse only is 10,600 pounds. All pieces are in Oklahoma except for the large dust collector itself which is still installed in Nebraska. Prices include loading	1995	Harrah, OK
F-1202	Baghouse Dust Collector	Mikro Pulsaire	Mikro Pulsaire fabric filter dust collection filter - Includes blower fan B-1204 for dust collector F-1202. Siemens RGZZSD 7.5 HP 1740 RPM		Hastings, NE
T545	Cartridge Filter	Fulflo	Fulflo SF multi cartridge filter used as polishing filter. By Parker Model SF12-3-3FK1, serial 9201-0034-7686. ASME #7686, MAWP 150 psi at 500F. Built 1981. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3" inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter. We can recondition for you.	1981	Ft Worth, TX
5680	Cartridge Filter	Fulflo	Fulflo SF multi cartridge filter used as polishing filter. By Parker, Model SF12-3-3FK1, serial 9201-0054-9856, Built 1983. ASME #9856, MAWP 150 psi at 500F. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3" inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter.	1983	Ft Worth, TX
5684	Cartridge Filter	Fulflo	Fulflo SF multi cartridge filter used as polishing filter. By Parker, Model SF12-3-3FK1, Serial No. 9201-0034-7687, Built 1981. ASME #7687, MAWP 150 psi at 500F. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3" inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter.	1981	Ft Worth, TX
5685	Cartridge Filter	Fulflo	Fulflo SF multi cartridge filter used as polishing filter. By Parker, Model SF12-3-3FK1, Serial No. 9201-0054-17057, Built 1996. ASME #17057, MAWP 150 psi at 500F. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3" inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter.	1996	Ft Worth, TX
5686	Cartridge Filter	Fulflo	Fulflo SF multi cartridge filter used as polishing filter. By Parker, Model SF12-3-3FK1, Serial No. 9201-0054-9861, Built 1983. ASME #9861, MAWP 150 psi at 500F. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3" inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter.	1983	Ft Worth, TX
T543	Cartridge Filter	SPX Plenty	SPX Plenty brand polish filter, cartridge filter. Model CFW-1231503-CS, Serial No. 3484-4. Built 1996. Carbon steel shell with stainless baskets. Has 3 inch flanged connections. Size approx. 12 in dia x 44 in tall. Includes manual valves. Last used as a food grade edible oil polishing filter.	1996	Ft Worth, TX
T215	Cartridge Filter - Single SS (3)	Tri-Clover	Tri Clover sanitary cartridge filter - single bag, 2 inch connections. Stainless steel. Last used as food grade edible oil polishing filter. Quantity (3) available - priced separately.		Ft Worth, TX

Asset	Name	Manufacturer	Description	Built	Location
5681	Cartridge Filter (3)	Fulflo	Fulflo Vertical Polish Filter, Cartridge Model WG18-10-3FAK1. Carbon Steel Shell with Stainless Baskets. With 3" Inlet/Outlet Flanged Conn. Last used in edible food oil service. Quantity (3) available - priced separately		Ft Worth, TX
FC-1513	Cartridge Filters		Cartridge filters, stainless steel. Quantity (2) - priced for the set		Grant City, MO
31-FL-192A	Coalescer Filter	TM Industrial	Coalescer Filter Rated at 15683 #/hr, 100 PPMW solids, 5 psig DP. ASME MAWP 800 psig at 250F external/FV at 350F, Nat'l Bd# 6164, s/n 6169. Capacity 5958 ACFH, 1 micron. Material is carbon steel. Used as Gas Clean-up Pre-Filter/Coalescer.	2009	Soperton, GA
31-FL-192B	Coalescer Filter	TM Industrial	Coalescer filter Rated at 15683 #/hr, 100 PPMW solids, 5 psig DP. ASME MAWP 800 psig at 250F internal/FV at 350F, Nat'l Bd# 6165, s/n 6170. Capacity 5958 ACFH, 1 micron. Material is carbon steel. Used as Gas Clean-up Pre-Filter/Coalescer.	2009	Soperton, GA
31-FL-244	Filter	TM Industrial	Vertical single stage filter, 10 micron, carbon steel, 3" pipe in/out top entry. Designed for 101,940 #/hr (205 gpm) solvent with 0.2 PPMW solids, 5 PSID. MAWP 450 psi/FV @350F, Nat'l Bd# 6166, s/n 6171. Used as solvent filter - like new. Mfg by TM Industrial in 2009, used 42 days.	2009	Soperton, GA
7281	Filter element	VanAir	Filter element, new in box. Coalescer filter for general purpose particulates. Nominal particulate removal to 1 micron, flow out to in. Model E200-1000-RB and/or E100-750-RB. (For F100 and F200 grade Van Air filters - all grades)		Jacksonville, IL
7445	Filter press		Horizontal Filter press 5x5 with 100 plates		Ontario, Canada
7384	Filter Press	Durco Ascension	Durco filter press made by Ascension Industries, Inc. Model EP-G800/32-16 Order No 3436 Job # 003436-2-1 PO# 29873; EP Sidebar Filter Press, 100 psi. Has 16 Polypropylene plates 32mm + head plate & tail plate, 8.5 cu ft cake capacity. Hydraulic cylinder closing ram. Can dewater slurries from 3 to 30% solids - last used in biodiesel service. Built in 2009, used 2 years then idled in 2011. Condition is good - new filter cloths were installed right before idling. Press is removed and ready to load.	2009	New Boston, TX
7291	Filter Press 800sf	Shriver	Completely refurbished Eimco Shriver Filter Press. Size M48 S/N 2941. All plates are in great condition and new cloths are furnished for them. Wiring is brand new, all safety and micro switches are new. All hydraulic hoses are new. New chains and bearings. Max filter pressure 100 psi, Max thrust 118 tons at 3000 psi. There are 30 internal plates with 1 head plate and 1 end plate - these plates are PolyPropylene EMP 1225mm x 1225mm x 62.7mm thick for 32 chambers at 1.16 cu ft per chamber. Approx filtration area is 800 sq ft. See link for plate details. Price includes loading on your truck		Illinois
5720	Filter Press Vertical 400sf	LFC Lochem	Currently used for soybean oil bleaching. Carbon steel vessel. 4.5' diameter, 12' OAH. Surface area 38.5 sq m (400 sf). Model MV.DCD H350 138.5/15/SB. Includes valve manifold with four 2" sight glasses, two 2.5" sight glasses, and 18 electric automatic valves. 100" flange to flange, 23" from top flange to lifting lugs. Part of bleacher system item 5766.	1985	Kingston, Jamaica

Asset	Name	Manufacturer	Description	Built	Location
FT702	Filter Press 152sf Vertical	Industrial	Industrial Filter used as polishing filter, Type 36-1.5-28, Model 1-036, Serial number 20992. ASME MAWP 75psi at 310F. (Sparkler type). Horizontal stacked flat plates dressed with paper filters. Includes a complete spare insert. 152 square feet filter area. 312 gallon capacity. MAWP 75 PSI @ 310 F. Size is 84" H x 49" W x 49" L, physical weight 1800 pounds. Last used in edible food oil service. Drawing of flyer is "typical". Includes operating manual. Removed, ready to load. We can recondition for you.	1997	Ft Worth, TX
5664	Filter Press 152sf Vertical	Industrial	Industrial Vertical Polish Filter, Stacked Plates Model 1-036, Series 36-1.5-28, Type 116.914, Serial No. F-20992, Built 1997. 28 leaves. Carbon Steel. With 3" Inlet/Outlet Flanged Conn. 152 square feet filter area. 312 gallon capacity. MAWP 75 PSI @ 310 F. 84" H x 49" W x 49" L, 1800 pounds. Last used in edible food oil service. Drawing of flyer is "typical". Includes operating manual. Removed.	1997	Ft Worth, TX
F6600	Filter Press 303sf	Industrial Filter	Industrial Filter Horizontal pressure leaf filter press, Model D, Series 48-3-22, Type 122.902, serial number F20362, built 1988. ASME Nat'l board number 3209. Tank dia: 48 inches dia x 95 in long not including vibrator. Includes filter leaves measuring 39" W x 32" Tall. Filter size 303 sq ft. Offered As Is but we can recondition for you	1988	Ft Worth, TX
F6620	Filter Press 303sf	Industrial Filter	Industrial Filter Horizontal pressure leaf filter press, Model D. Series 48-3-22, serial number F20363, built 1988. ASME # 3210. Tank dia: 48 inches dia x 95 in long not including vibrator. Includes filter leaves measuring 39" W x 32" Tall. Filter size 303 sq ft. We can offer "as is ", used but sandblasted and primed or totally rebuilt. Price quoted is " as is ".	1988	Ft Worth, TX
6554	Filter Press 400sf	Industrial Filter	Horizontal pressure leaf filter press, made by Industrial Filter. Type 122.902, Series 60-4-16, Model D. With 400 sf filtering area. MAWP 70 PSI @ 310F. MDMT 42F @ 70 PSI. S/N: F20985. Capacity for 1,100 gallons of oil, Built 1997. Approx. size 5.5 ft dia x 17.5 ft (209.5 inches) overall length. Includes rail and legs for rail. Note: See representative photos of similar filter after reconditioning	1997	Kansas City, KS
7109	Filter Press 600sf	Industrial Filter	Industrial Filter & Pump Horizontal pressure leaf filter press 60-4-24. Model E, Type 122.902. sn# 3062 F-20228 Includes 24 filter leaves with stainless channel/screen. ASME. Physical Size: 60" x 11' with ss leaves inside. 614 ft. sq. Filter Area designed for approx 30,000 lbs of product/hour. Set up in a head-to-head configuration. Condition Good - was in operation until July 2013. Physical wt. approx 6850 lb. empty. Removed and ready to load.	1986	Ft Worth, TX
7110	Filter Press 600sf	Industrial Filter	Industrial Filter & Pump Horizontal pressure leaf filter press 60-4-24. Model E, Type 122.902. sn# 3062 F-20227. ASME Nat'l Bd# 3062. Includes 24 filter leaves with stainless channel/screen. Physical Size: 60" x 11' with ss leaves inside. 614 ft. sq. Filter Area designed for approx 30,000 lbs of product/hour. Set up in a head-to-head configuration. Physical wt. approx 6850 lb. empty. Condition Good - was in operation until July 2013. Removed and ready to load.	1986	Ft Worth, TX
6553	Filter Press 800sf	Industrial Filter	Horizontal pressure leaf filter press, made by Industrial Filter. Type 122.902, Series 66-5-26, Model D. With 800 sf filtering area. MAWP 100 PSI @ 310F. MDMT 42F @ 100 PSI. S/N: F21098. Capacity for 2,300 gallons of oil, Built 1998. Approx. size 6 ft dia x 13 ft long. Does not include rail for door. Note: See representative photos of similar filter after reconditioning	1998	Kansas City, KS

Asset	Name	Manufacturer	Description	Built	Location
5743	Filter Press Vertical 400sf	LFC Lochem	Currently used for soybean oil bleaching. Carbon steel vessels. 4.5' diameter, 12' OAH. Surface area 38.5 sq m (400sf). Model MV.DCD H350 138.5/15/SB. This filter has been removed and is laying in the yard in pieces. Includes filter leaves. This filter will need to be refurbished, a new 16 inch butterfly outlet valve added, and controls added before use. Part of bleacher system item 5766. Available now	1985	Kingston, Jamaica
H2029	Filter sleeves for cartridge filters	Technologies	Cartridge Filters. Carbon Blockers made by KX Technologies MatrKx CTO 30 inch cartridges. Model 32-250-125-29. Design is 10 micron, Class 1 Chlorine & Odor & Taste. Diameter 2.5 inches, length 30 inch. Sold 4 to a box - priced per box. Quantity (37) boxes available		Grant City, MO
7467	Filtration Skid		New filtration skid includes a complete portable filtration skid with a small vertical pressure leaf filter, with a precoat/filter feed tank, mixer, pump, valves, piping, and a control panel. It is built of all 304 stainless steel, with the leaves inside the filter fabricated of the standard 5-ply riveted, 316 ss, construction. This is on a 4' x 8' skid to make it portable and convenient to fit into a small space. The system has a Goulds 9SH, 3500 RPM pump. This small vertical filter allows for small batches of products to be filtered. Because of the small filter with only about five small leaves, it does not have a vibrator for cake removal, but instead it can be opened quickly and the leaves will have an area for rapping with a mallet for cake removal. The bottom dump hinged, weighted lid opens for the spent cake to be dumped into a small movable hopper. Filter Area = 45 Ft ² , Filter Capacity = 110 Gallons, Precoat Tank Capacity = 160 Gallons, Wetted Parts are 304 S/S Please allow 10-12 weeks for delivery.	2015	Ramsey, NJ
5547	Membrane Filter	Industrieterrein Belgium	Membrane Filter with hydraulic press and polypropylene plates. Supplied by DeSmet, built by Welders. Built 1985. Model OMF-1200, S/N 81630. 1000 square ft. filter area. 3" inlet/outlet. 51" W x 24' L x 90" H. Bed is 15' long. Uses 47" x 47" x 3.5" polypropylene plates. 64 plates included. Built for 6 bar. 5.5kW, 440V, 3 Phase 50 Hz. Ram Info: Model CE 200.140.900KT5A. Co. No. 406383. Design No. 114357C. 900mm length. Includes manual for installation, operation, and maintenance. This filter will need new controls - we can furnish if desired. Price includes removal & loading. Available immediately.	1985	Kingston, Jamaica
7161	Motorized Strainer	Fluid Engineering	Fluid Engineering Strainer Model 793, S/N 2519, Size 10, Max Pressure 150, Temp 32-150°F		Grant City, MO
C510	Rotary Vacuum Filter	Bird	Bird rotary vacuum filter, stainless steel frame, stainless steel drum - approx diameter 5 ft. Installed - never piped up, never used. Vacuum pump is in poor shape, probably only good for the core.		Kansas City, KS
T630	Sock Filter - Horizontal	Industrial	Industrial Filter sock polishing filter. Multi bag. Model O. Series 30-37-36, type 123.944, serial 3133-F20303. Built 1987. ASME NB# 3133. Includes stainless steel baskets. With 3" inlet, 2" outlet. Last used as a food grade edible oil polishing filter.	1987	Ft Worth, TX
5638	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. F-15586. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.		Ft Worth, TX

Asset	Name	Manufacturer	Description	Built	Location
5639	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 2723-F20008, Built 1983. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1983	Ft Worth, TX
5641	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 1095-F13502, Built 1972. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1972	Ft Worth, TX
5642	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. F-16808, Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.		Ft Worth, TX
5643	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 1093-F16500, Built 1972. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1972	Ft Worth, TX
5644	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. Last used in edible food oil service.		Ft Worth, TX
5645	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 3130-F20300, Built 1987. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1987	Ft Worth, TX
5646	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 2733-F19961, Built 1982. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1982	Ft Worth, TX
5647	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 2842-F20053, Built 1984. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1984	Ft Worth, TX
5648	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 3143-F20161, Built 1987. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1987	Ft Worth, TX
5649	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Serial 2844-F20055. Built 1984. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1984	Ft Worth, TX
5650	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Built 1982. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1982	Ft Worth, TX

Asset	Name	Manufacturer	Description	Built	Location
5651	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial 1097F-1650. MAWP 70 psi @ 180F. Built 1972. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1972	Ft Worth, TX
5652	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Built 1984. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1984	Ft Worth, TX
5653	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.		Ft Worth, TX
5654	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.		Ft Worth, TX
5655	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Built 1972. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1972	Ft Worth, TX
5656	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Built 1977. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1977	Ft Worth, TX
5657	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. F-15586. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.		Ft Worth, TX
5658	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 2716-F19945, Built 1982. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3" Inlet / 2" Outlet Conn. Last used in edible food oil service.	1982	Ft Worth, TX
5659	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 18-13-36, Serial No. F-16952. 18 inches diameter x 13 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 2" Inlet/Outlet Flanged Conn. Last used in edible food oil service.		Ft Worth, TX
5660	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 24-21-36, Type 123.944, Serial No. F-16072. 24 inches diameter x 21 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 2" Inlet/Outlet Flanged Conn. Last used in edible food oil service.		Ft Worth, TX

Asset	Name	Manufacturer	Description	Built	Location
5661	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 24-21-36, Type 123.944, Serial No. F-16068. 24 inches diameter x 21 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 2" Inlet/Outlet Flanged Conn. Last used in edible food oil service.		Ft Worth, TX
5662	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 24-21-36, Type 123.944. 24 inches diameter x 21 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. Last used in edible food oil service.		Ft Worth, TX
5663	Sock Filter - Horizontal	Industrial	Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 24-21-36, Type 123.944. 24 inches diameter x 21 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. Last used in edible food oil service.		Ft Worth, TX

Heat Exchanger

20 Items

41-E-604	Compressor Oil Cooler	Roughneck	Compressor Oil Cooler . Roughneck Finned Tube Model AH-20A-A3, Amb Air, Oil 180/170F 8 gph 16,799 BTU/hr. Rated at 250/FV at 250F. Carbon steel. Part of Compressor 41-K-140, not sold separately	2009	Soperton, GA
31-E-620	Compressor Oil Cooler	Ruffneck	Ruffneck Fin Tube air radiator cooler, Amb Air, Oil 180/170F. Rated at 250/FV at 250F, carbon steel. Part of Compressor 31-K-140, not sold separately	2009	Soperton, GA
31-E-604	Compressor Oil Cooler	Ruffneck	Compressor Oil Cooler. Ruffneck Fin Tube air radiator cooler, Model AH-24A-A5, Amb Air, Oil 180/170F. Rated at 250/FV at 250F, carbon steel. Part of Compressor 31-K-216, not sold separately	2009	Soperton, GA
41-M-604	Compressor Oil Cooler Fan/Motor		Compressor Oil Cooler Fan/Motor . Part of Compressor 41-K-140, not sold separately	2009	Soperton, GA
21-E-288	Heat exchanger - Fin Tube	Koch	Koch hairpin heat exchanger - Fin Tube		Soperton, GA
31-E-208	Heat Exchanger, Hairpin	Koch	Heat exchanger, hairpin design built by Koch Heat Transfer Company in 2009 - 298 sq ft heat exchange area. Rated at 1.811.69 MMBTU/hr, ASME MAWP tubes 400 psig/FV at 350F and shell 305 psig at 250F, Nat'l Bd# 19195, s/n 12110-09-2-01. Water 90/110F, Syn Gas 300/110F. 0.75/0.065, 2950 #. Tubes 304SS, shell cs, size 8 in dia, schedule 40. Used as 2nd Stage Booster Intercooler	2009	Soperton, GA
31-E-228	Heat Exchanger, Hairpin	Koch	Koch Heat Exchanger - hairpin design 162 sq ft surface area. Designed for 1.04 MMBTU/hr, Syn Gas 300/110F, Water 90/110F. 0.75/0.083, 2790 #. ASME MAWP shell 800 psig/FV at 350F, tubes 615 psig at 250F, Nat'l Bd# 19197, s/n 12110-09-4-01. Material 8 inch carbon steel. Built by Koch Heat Transfer Company in 2009 - used only 42 days - like new. Used as 4th Stage Booster Spillback Cooler.	2009	Soperton, GA
31-E-104	Heat Exchanger, Hairpin	Koch Heat Transfer Co.	Heat exchanger, hairpin design mfg by Koch Heat Transfer Company. Has 223 sq ft heat exchange area. Rated at 1.81 MMBTU/hr, Syn Gas 300/110, Water 90/110F. 0.75/0.065, 2700 #. ASME rated at 215/FV at 350F. Stainless steel 304. Physical size 8" dia sch40. Built in 2009 - ran only 42 days - like new. Used as 1st Stage Booster Intercooler.	2009	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
E-1503A	Heat Exchanger, Plate & Frame SS	Alfa Laval	Alfa Laval Alfa Nova stainless steel heat exchanger. Type 400-168H. S/N 19034213. Built in 2010. MAWP 232 PSI @ 482 F. MDMT -155 F @ 232 PSI. Volume 16.22 gallons. Last used as a rectified alcohol exchanger. 765 sq. ft. surface area. Last used in 2012	2010	Grant City, MO
E-1513	Heat Exchanger, Plate & Frame SS	APV	APV stainless steel plate & frame heat exchanger. Built in 1995. S/N 30325.1. MAWP 200 PSI @ 320 F. MDMT -20 F @ 200 PSI. Surface area: 280 sq. ft. 2" inlets/outlets. Includes 153 316SS plates at 0.6mm thick. Last used as a product cooler for ethanol. Dry weight 1,090 lbs. See drawing for more information.	1995	Grant City, MO
31-E-188	Heat Exchanger, shell & tube	Heat Exchanger Design Inc.	Shell & tube heat exchanger, Rated at 4.02 MMBTU/hr, HP Solvent 36/102, Lean Solvent 121/46F. S&T BFU, 5861 sq ft, 0.75/0.083", 38250 #. Manufactured by Heat Exchanger Design in 2009 - ran only 42 days - like new. ASME MAWP 450/FV at 350F, Nat'l Bd# 2891, s/n 4015. Physical size 38" dia X 28'. Material KCS (killed carbon steel). Used as Solvent / High Pressure Liquid Exchanger on fp311.	2009	Soperton, GA
41-E-104	Heat Exchanger, shell & tube	HED	Heat exchanger manufactured by Heat Exchanger Design (HED) in 2009. Designed for 7.1 MMBTU/hr, Syn Gas 360/550F, Reactor Effluent 650/463F. S&T NEN, 829 sq ft, 0.625/0.082, 10250 #. ASME MAWP tubes 1650 psig/Fv at 700F, and shell 1650 psig at 650F. Serial number 4017A, Nat'l Bd# 2990. Low Alloy. Physical size approx 16" dia x 20 ft long. Last used as Feed/Effluent Exchanger. (Part of fp413 SynGas conditioning)	2009	Soperton, GA
41-E-112	Heat Exchanger, shell & tube	HED	Heat exchanger loop condenser designed for 98 MMBTU/hr, Water 90/110F, Reactor Effluent 300/105F. Shell & Tube design - TEMA AEU. U-tube Heat transfer area 2151 sq ft, ASME MAWP tubes 1650 psig/FV at 385F, shell 150 psig at 250F. Nat'l Bd # 2932, serial# 4017C. Material 304LSS tubes/CS shell. There are 325 tubes sized 5/8" OD with 0.065" wall, Tubes are 304L stainless, Physical size 25" dia x 20 ft. Manufactured by Heat Exchanger Design (HED) in 2009. Physical weight 16,620 pounds. Ran 42 days - like new. (Part of module fp413)	2009	Soperton, GA
41-E-108	Heat Exchanger, shell & tube	HED	Heat exchanger designed for 8.8 MMBTU/hr, Stm 487/487F, Syn Gas 120/360F. S&T NEU, 203 sq ft, 1"/0.109, 3550 #. ASME MAWP tubes 1650/FV at 550F and shell 1750 psig at 550F, physical size 13" dia X 12' for a capacity of 83 gallons. Material carbon steel. Built by Heat Exchanger Design (HED) in 2009 - like new. Nat'l Bd# 2231, sn 4017B. Last used as Syngas Preheater. (Part of module fp413)	2009	Soperton, GA
31-E-234	Heat Exchanger, shell & tube	Precision Pipe & Vessel	Shell & Tube heat exchanger, Rated at 0.364 MMBTU/hr, Treated Gas 21/100F, Raw Syn Gas 110/64F. S&T NEN, 280 sq ft, 0.75/0.065, 3237 #. Physical size 10 in dia x 23 in tall for 8 gallon capacity. ASME MAWP 800/Fv at 350F. Manufactured by Precision Pipe & Vessel (PPV) in 2009. Material tubes 304SS/shell CS. Used for Gas Clean-up Feed/Effluent Exchanger. Part of fp311	2009	Soperton, GA
31-E-236	Heat Exchanger, shell & tube	Precision Pipe & Vessel	Shell & tube heat exchanger, Rated at 1.44 MMBTU/hr, 80 PSIG Stm 324/307F, HP Solvent 102/125F. S&T NEN, 93 sq ft, 0.75/0.083, 1913 #. Manufactured by Precision Pipe & Vessel in 2009 - ran only 42 days - like new. ASME rated at 200/FV at 350F. Physical size 10 in dia x 8.5'. Material carbon steel. Used as High Pressure Liquid Heater on fp311	2009	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
V-1659	Reboiler Vessel	Rosenblad	Rosenblad reboiler vessel. Vertical falling film design. Built in 2003. Size 5.5 ft diameter x 48 ft s/s with 10 ft skirt for OAH 60.25 ft. Shell thickness 5/8 in. 8,700 gallon capacity with 5,532 sq. ft. heat transfer area. Shell Material SA-516-70, Plates and contact material stainless 304. S/N A-0139-1. Internal MAWP 220 PSI @ 500F / External MAWP full vacuum @ 500F. Internal MDMT -20F @ 200 PSI / External MDMT 220 PSI @ -20F. Dry weight 30,000 lbs. See drawings for more information.	2003	Hastings, NE
7107	Scraped Surface Heat Exchanger	Cherry Burrell Votator	Cherry Burrell Votator Scraped Surface Heat Exchanger 6x72 single barrel. Model 1C672L, S/N 35464VA. Driven by 20HP motor, 1755 rpm/230 rpm out. All wetted surfaces are stainless steel 304, barrel is Chromium plated Nickel. Has 4 rows of ss blades (24 total). MAWP shell 250 psig at 375F/-20F, jacket 150 psig at 375F/-20F. Heat exchange surface area 9 cu ft. Gear reducer Reynold ser No. 3455353, size 5. ratio 7.63:1, output 230 rpm. Volume in tube (product) 880 cu in, volume in jacket 1080 cu in. Physical weight of cylinder & tube is 1100 pounds. Total weight with frame & motor is approx 2500 pounds. Price includes removal & loading on your truck	1984	Ft Worth, TX
7108	Scraped Surface Heat Exchanger	Votator	Votator Scraped Surface Heat Exchanger 6x72 single barrel. Model 6SSHE, S/N 90294EC, Mfg Number 00-17418, A5136. All wetted surfaces are stainless steel 304, barrel is Chromium plated Nickel. Has fours rows of ss blades (24 total). MAWP tube 400 psi at 375F/-20F, jacket 150 psig at 375F/-20F. Heat exchange surface area 9 cu ft. Volume in tube (product) 910 cu in, volume in jacket 2,000 cu in. Driven by 20HP motor 1755 rpm/222 rpm out Physical weight of cylinder & tube is 1150 pounds. Total weight with frame & motor is approx 2500 pounds.	1990	Ft Worth, TX
T637	Shell & Tube Heat Exchanger SS	Doyle & Roth	Doyle & Roth Stainless steel shell & tube heat exchanger. Built 1992. ASME NB# 16051, Serial no. J7042-1. Material 304SS tube and shell. MAWP shell - 150 psi @ 400F, tube - 250 psi @ 400F. TEMA Type BEU. "U" design, 2 pass tube. Surface area 109 sq. ft. Drawing #B9064, PO 31941. Oil on tube side, steam on shell side. Used as edible oil deodorizer trim heater operating at 70 gpm. Size is 10.75" dia x 9.5' long. Total weight: 925 lbs each. See drawing for details. Photos show heat exchangers in As Is condition - we can recondition these.	1992	Ft Worth, TX

Instrument

48 Items

H2007	AB Panel View	Allen Bradley	Allen Bradley Panelview 900. Cat 2711-K9A2. Series F. 9 inch screen, DH485 communications, used		Jacksonville, IL
S2201B	Allen Bradley Interface Module	Allen Bradley	Allen Bradley interface module. Cat. No: 1492-IFM20F-F120-2 Series A. Used.		Jacksonville, IL
6644	CPU	Siemens	PLC CPU for Rack mount Siemens Simatic TI-305 Programmable controller. Siemens D3-340 (DL340) CPU 3.7K WDS Enhanced 2 Comm ports. Rack, CPU, (2) input and (2) output relays sold together as asset #6648. Used.		Jacksonville, IL
FP136	Fisher control valves (2)	Fischer Control	Fisher control valves - 12 inch. Ball valves Remanufactured. Model 437325-A1 actuator, 437325-A2 body, Type 657-8. Stainless steel for 150 psi RF flanges. Quantity (2) - priced for both - we will split up if you want one.		Soperton, GA
S1209	Flow meter vortex	Foxboro	Foxboro E83 L-1HS10SIT Flow meter Vortex, Ref. No. 92520464, Used. 10.5-50 VDC, MWP 100 psi @ 100F, Material A296-CF3M, Temp limit 0-400F; 1.5 inch diameter; 4-20 mA signal		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
S2205	Flow Transmitter	Foxboro	Foxboro IAP20-D20B2IF-M1 Electronic flow transmitter with 4 to 20 mA transmitter with Hart; Barely Used. 316 s/s; Ref. No. 00060475; 12.5-42 VDC, range 0 to 50 mm Hg, MWP 3626 psi		Jacksonville, IL
S1210B	Flowmeter	RCM Industries	RCM Industries flow meter - NEW. 1-1/2" stainless steel flowmeter. Model 11/2"-73-R-100-AD. Pressure: 180 psig. Temp: 200F. 1 1/2"-73-R-100-AD A BC D E F A). Body Size: pipe at the meter inlet. Select from standard flow rates and body sizes. B). Series (Mounting Method): 7 = threaded units provided with FNPT connections standard. 8 = wafer units mount between any standard 150 or 300 class flanges (or international equivalent). C). Material: 1 = Bronze 2 = Monel 3 = Stainless Steel (316) D). Flow Direction: Select L, R, VUL, VUR, VDL, VDR . E). Flow Rate (full scale): Select from Standard Flow Rates and Body Sizes. F). Options (if required): OPTION A: O-Ring Seals & OPTION D: Gasketed Meter Housing G). Switches (if required): 1S2 = One single pole double throw switch or 2S2 = Two single pole double throw switches.		Jacksonville, IL
S2101B	Level Switch	Vega	Vega Swing 63 vibrating point level switch. Model DUNBVXUR - 17". Enclosure type: 4X T5 @ 60C max ambient temp. MAWP: 928 psig.		Jacksonville, IL
SB10B	Level Switch, Ultrasonic	Magnetrol	Magnetrol Echotel Trident ultrasonic level switch. Model: 92S-A1A0-710/9B2-2221-036. S/N: 580821-01-006. Temp: -40F-160F. Max pressure: 1500 psig @ 100F. 36" shaft. Used		Jacksonville, IL
S2405	Level Switch, Ultrasonic	Thermo Measure Tech	Thermo Measure Tech Sensall Accu-Point level switch, 5MGN6PST666GN00S, S/N 112372-3. Approx probe length 4 Inches, male NPT threads for insertion into coupling on tank. Input 115 VAC 50/60 Hz. Output 230 VAC/30 VDC.		Jacksonville, IL
S1212	Level Transmitter	Foxboro	Foxboro Electronic level transmitter, NEW. 827DF-IS1NMKA1, Ref. No. 4797576, Supply voltage 13-65 VDC, Output 4-20 ma. Rated pressure MAWP 285 PSI, range 0 to 100 inches water		Jacksonville, IL
S1210	Level Transmitter	Foxboro	Foxboro Electronic level transmitter, 827DF-IS1NHSA1, Ref. No. 86N50387-1A2, 250 deg F max, 12.5-65 VDC, MWP 150 PSI, range 0 to 170 inches water, 3" flange. Used		Jacksonville, IL
S1205	Level Transmitter	Foxboro	Foxboro Electronic level transmitter, 827DF-IS1NHSA1, Ref. No. 4824872, MWP 275 PSI, Input 13 to 65 Vdc, Output 4-20 ma - range 0 to 700 inches water		Jacksonville, IL
S1601B	Load Cell	Scaime	Scaime stainless steel bending beam load cell. Used. Model: F60X50 C3 5e. S/N: 422444. Max weight 65.5kg. For use in weighing machines or in tank & hopper filling.		Jacksonville, IL
S1602B	Load Cell	Scaime	Scaime stainless steel bending beam load cell. NEW - in box. Model: F60X50 C3 5e. S/N: 422441. Max weight 65.5kg. New.		Jacksonville, IL
S1603B	Load Cell	Scaime	Scaime stainless steel bending beam load cell. Model: F60X50 C3 5e. S/N: 422451. Max weight 65.5kg. NEW, in box.		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
S3101	Mass Flow Meter	Micro Motion	Micro Motion 1/4 inch mass flow meter DS series, stainless steel 316. Model DS025H999SU, ser 214093.		Jacksonville, IL
S2102	Mass Flow Meter	Micro Motion	Micro Motion 1/2" inch mass flow meter R series, stainless steel 316. Model R050S322NCAAEZZZZ, serial 14045934. Transmitter Model 1700112ABAEZZZ, serial 3086198. Electrical rating Class1 Div 1. Integrally mounted Transmitter. Analog output. Power can be either 18-100 VDC or 85-265 VAC. Wetted parts 316L Stainless Steel. Connection 3/4" Sanitary Tri-clamp. Dimensions face to face 15.9". The protective cover has a few slight dents in it (cosmetic only).		Jacksonville, IL
SM01	Mass Flow Meter	Micro Motion	Micro Motion 1 inch mass flow meter with transmitter. Model DL100S202SU, Serial 239517. Transmitter model RFT9739E4SUJ, serial 7016482. Used		Jacksonville, IL
SM04	Mass Flow Meter	Micro Motion	Micro Motion 1" mass flow meter with transmitter. Model DL065S24SU, serial 241215. Transmitter model RFT9739E4SUJ, serial 7016460. Used.		Jacksonville, IL
HM200	Mass Flow Meter	Micro Motion	Micro Motion 1/2 inch inline mass flow meter with transmitter. Built in 2012. Sensor model F050S113CQBAEZZZ. Transmitter model 2700R12BBAEZZZ, S/N 3207992. Sensor S/N 14281421. Used.	2012	Jacksonville, IL
HM100	Mass Flow Meter	Micro Motion	Micro Motion mass flow meter CF style - size 2 inch, CMF200M341NU FE-1503B40. No transmitter included - sensor only. Was in working order when idled in Feb 2013. Used.		Jacksonville, IL
7186	Mass Flow Meter	Micro Motion	3" Micro Motion Mass Flow Sensor DS300S155 S/N 130102, -240 to 204C, 150#, Tube: 740 psig, Conn 230 psig @ 25C		Grant City, MO
S2406	Mass Flow meter, gas	Micro Motion	Micro Motion mass flow meter CMF series, 1/4" stainless steel. Model CMF025M321NU, Sensor S/N: 334704. Temperature range: -240 C to 204 C. CMF Elite Series		Jacksonville, IL
SJ786	pH Meter	Endress + Hauser	Endress + Hauser digital pH meter, Liquiline M, Model CM42. Probe order no. CPA471-A1A1A2B1, serial A8002B05A01. Rated to 4 bar, 90 deg C. This pH meter was in the wastewater treatment area of an edible oil manufacturer. Incoming oil was mixed with sulfuric acid to drop pH to split fats & oils from the water stream. Once skimmed, the outgoing water pH was increased to slightly above neutral with sodium hydroxide (caustic) NaOH. This meter was inline in the outgoing water stream to control the final pH and monitor that pH prior to discharge to the City		Jacksonville, IL
SB01B	PLC Allen Bradley	Allen Bradley	Allen Bradley plc MicroLogix 1500 with AC input and AC/DC output in Hoffman industrial control panel enclosure. Catalog No. A-363608LP. Enclosure Type 12, 13. Includes everything pictured: , ACME Transformer 600V/30A, five Allen Bradley Bulletin 193-EA relays, one Allen Bradley 1769-OW8I output module, one Allen Bradley 1769-IA16 input module, one Allen Bradley 1764-24AWA base unit, and more.		Jacksonville, IL
S1606B	PLC Allen Bradley	Allen Bradley	Allen Bradley Micrologix 1000 PLC. Model 1761-L32BWA Series E. S/N: 1L32BWA1AE-1010060107. Input: 24V DC, Line: 100-340VAC, 50-60Hz 30VA max.		Jacksonville, IL
6646	PLC Input Module	Siemens	PLC Input Module for Rack mount Siemens Simatic TI-305 Programmable controller. D3-16NA 110 Input 50/60 Hz. Quantity (2) priced separately. Rack, CPU, (2) input and (2) output relays sold together as asset #6648. Used.		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
6645	PLC Output Relay	Siemens	PLC Output Module for Rack mount Siemens Simatic TI-305 Programmable controller. D3-16TR Relay Output 50/60 Hz, 5-265VAC. Quantity (2), priced separately Rack, CPU, (2) input and (2) output relays sold together as asset #6648. Used.		Jacksonville, IL
6643	PLC Rack Mount Controller Unit	Siemens	PLC Rack mount Siemens Simatic TI-305 Programmable controller. Siemens Simatic T1305 02B Programmable Controller Unit 5-slot rack with power supply Model 305-02B. NOTE: The Rack, CPU, (2) input and (2) output relays are also sold together as asset # 6648. Used.		Jacksonville, IL
6648	PLC Rack, Siemens	Siemens	Siemens Simatic TI-305 Programmable controller. Siemens Simatic T1305 02B Programmable Controller Unit 5-slot rack with power supply Model 305-02B. Has Siemens D3-340 (DL340) CPU 3.7K WDS Enhanced 2 Comm ports. Output Module: D3-16TR Relay Output 50/60 Hz, 5-265VAC. Qty (2). Input Module: D3-16NA 110 Input 50/60 Hz. Qty (2). Also will sell components individually - See items 6643-6646. Used.		Jacksonville, IL
S1212B	Pressure Gauge	Noshok	Noshok pressure gauge - range 1-100 psi. with alternate kPa scale. Model 25-901, ss case 2-1/2", glycerin filled dampening, 1/2" brass MNPT connection. Used		Jacksonville, IL
S2303	Pressure Transmitter	Foxboro	Foxboro IGP10-020D1F-M2 Gauge Pressure Transmitter, Ref. no. 98134439, MWP 300PSI. Input 12.5 to 42 VDC, output 4-20 ma. 4 ma = 0 psi, 20ma = 100psi. Used.		Jacksonville, IL
S1203	Pressure Transmitter	Foxboro	Foxboro Pressure Transmitter, 841GM-BI, Ref. No. 5185697, Connections 1/2 inch NPT. Input supply 12.5 to 35 Vdc, output 4-20ma, range 0 to 100 PSI, MWP 100 PSI. Instruction Manual available		Jacksonville, IL
S1201	Pressure Transmitter	Foxboro	Foxboro Pressure Transmitter, 841GM-BI1, Ref. No. 90F34640-8A6, 12.5-36 VDC, MWP 100 PSI. Used.		Jacksonville, IL
S2302	Pressure Transmitter	Foxboro	Foxboro Pressure Transmitter 821GM-DK1NM2, Ref No. 92480188; Used. MWP 150 PSI, 12.5-42 VDC; Output 4-20mA; Measures pressure and transmits a proportional electrical signal.		Jacksonville, IL
S1503B	Pressure Transmitter	Siemens	Siemens pressure transmitter. NEW. Sitrans P Model 7MF 4033-1DY10-1AC6-Z. Rated from 2.3 to 230 psi. With local readout window. Has WIKA diaphragm model 990.27. MWP 275 psig @ 100F. NEW - not used		Jacksonville, IL
SJ209	Pressure Transmitter dP cell	Foxboro	Foxboro dP cell pressure transmitter with integral cable. Used for measuring pressure typically for tank level indication and transmitting. Model IDP10-DS1C01F-M1L1, Seal HI: PSFPS-A3S01313M, Seal Lo: PSFPS-A3S01313M, Cust tag: 68-10-210, reference 07292075. 12.5-42.0 VDC Supply. Range: 0-840 inches H2O.		Jacksonville, IL
B05	Radar Level Transmitter	Endress + Hauser	Endress + Hauser radar tank level detector & transmitter. Model FMR 231A REAL J1A4A, Micropilot II, S/N: 2F41110, NEMA 4X, built in 1998. This item is used but has been factory reconditioned.	1998	Jacksonville, IL
S1504B	Radar Level Transmitter	Magnetrol	Magnetrol guided wave radar level transmitter. Model 705-511A-510/7EA-A110-216, S/N: 482842-01-001. Max pressure 750 psi @ 100F.		Jacksonville, IL
S1506B	Radar Level Transmitter	Magnetrol	Magnetrol guided wave radar level transmitter. Model 705-511A-510/7EA-A110-216, S/N: 488836-01-002. Max pressure 750 psi @ 100F.		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
S1102B	Radar Level Transmitter	Vega	Vega Puls 53 radar level transmitter probe. Type: PULS53K.UDXAS9K. Max pressure: 230 PSIG @ 302F. NEMA 4X. Explosion Proof. Reconditioned and Factory certified to be working to factory specs - certificate included.		Jacksonville, IL
S105	Radar Level Transmitter	Vega	Vega Puls 65 (PS-65) radar level detectors, RECONDITIONED. Quantity (4) - priced separately. Rod style radar transmitter - all wetted parts are PTFE. Range up to 114 feet and accuracy to +/- 8mm (1/4 inch). Temp range -40 to 266°F; 1.5" NPT, ANSI Flanges, 2 wire 4-20mA HART, measuring range 0-99'. Suitable for explosion proof environment Class I, Div II and dust environment Class II, Div 1. Reconditioned and Factory certified to be working to factory specs - certificate included.		Jacksonville, IL
S4309	Tank Level Pressure Transmitter	Smar	Smar LD301 Tank level pressure transmitter, Serial #166721, With LCD readout, Pressure Sensor Model: L3, Pressure Sensor Serial: U261114, Range: 8.33 to 1000 inches water, Pressure rating: 2300 PSI, Material: 316SS, Nema 4X/6. Used.		Jacksonville, IL
S4307	Tank Level Pressure Transmitter	Smar	Smar LD301 Tank level pressure transmitter, Serial #166725, With LCD readout, Pressure Sensor Model: L3, Range: 8.33 to 1000 inches water, Pressure rating: 2300 PSI, Material: 316SS. Used.		Jacksonville, IL
S4306	Tank Level Pressure Transmitter	Smar	Smar LD301 Tank level pressure transmitter, Serial #166729, With LCD readout, Pressure Sensor Model: L3, Range: 8.33 to 1000 inches water, Pressure rating: 2300 PSI, Material: 316SS. Used.		Jacksonville, IL
S4305	Tank Level Pressure Transmitter	Smar	Smar LD301 Tank level pressure transmitter, Serial #166723, With LCD readout, Pressure Sensor Model: L3, Range: 8.33 to 1000 inches water, Pressure rating: 2300 PSI, Material: 316SS. Used.		Jacksonville, IL
AB837	Temperature Switch	Allen Bradley	Allen Bradley Bulletin 837 Temperature Switch. Stainless steel armor, NEMA type 4 and 13 enclosure. 12 available (priced separately).		Jacksonville, IL
Lab			10 Items		
SJ225	Centrifuge, Lab	Fisher Scientific	Fisher Scientific centrifuge, Centrif. Model 228. Cat No. 4-978-228, ser No. 20800862. 115 volts. Mini-benchtop centrifuge has stainless steel motor shaft with permanently lubricated ball bearing for extended life. Fixed angle rotor running at 3300 rpm. Capacity: 90ml (6 visla at15 ml each)		Jacksonville, IL
S1202C	Centrifuge, Lab	International Equipment	International Equipment Co. clinical centrifuge. Model CL. No: 9022E.		Jacksonville, IL
SJ230	Heating Module	Pierce Chemical	Pierce Chemical Silli-Therm heating module #19791, serial 494. To accommodate Silli-Bar and React-Bar heating blocks. Size 11 x 8 x 4 inches high. 120 volts, 425 watts. Solid state control. Temp 25 - 200 degree C. NEW, in box. Never used		Jacksonville, IL
S4407	Lab Scale	Fairbanks	Fairbanks lab scale, Model SL600, serial 11956. Max capacity 600g, increments 0.01 grams. Used		Jacksonville, IL
S4406	Lab Scale	Mettler	Mettler PJ4000 lab scale, serial H73772. Used		Jacksonville, IL
S3205	O2 Analyzer	Mettler Toledo	Mettler Toledo InTap 565 portable dissolved oxygen analyzer. Used		Jacksonville, IL
SJ219	Stirrer	Fisher Scientific	Fisher Scientific IsoTemp stirrer. Ceramic 10x10 Stir plate. Cat 11-600-100S, serial 405N0083. 120 Volts.		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
SJ231	Vacuum Pump, Lab	Precision Scientific	Precision Scientific lab vacuum pump, Model Vac Torr 25, Cat No. 10282, serial No. 19-8017		Jacksonville, IL
SJ232	Vacuum Pump, Lab	Precision Scientific	Precision Scientific lab vacuum pump, Model Vac Torr 25, Cat No. 10280, serial No. 23-9043		Jacksonville, IL
SJ233	Vacuum Pump, Lab	Precision Scientific	Precision Scientific vacuum pump, Model 25, capacity 25 l/m (0.88 cfm) 0.1 micron. Cat No. 10280, serial No. 23-9043		Jacksonville, IL
Misc			5 Items		
H2016	Compressor GearBox	Lufkin	Spare new Lufkin gear box for item K-1651 AC compressor. NEW in crate. Model Lufkin N1400C, 1785 rpm x 6020 rpm. Sold as an option		Grant City, MO
H2027	Compressor Parts	AC Compressor	Parts for item K-1651 AC compressor		Grant City, MO
H117	Gear Box for Paddle Mixer		Gear box for double shaft paddle mixer. Rebuilt.		Grant City, MO
5702	Roll Up Door	Albany	Albany 96" wide high speed roll up door. Model: J230-CO1649, Serial: S0175663.1. Built in 2006. 220 VAC, 3 Phase, 60 hz. 1.5 HP motor. Low profile dimensions, full vision panel, hi speed 64 inch per second. The RapidRoll® Model 230 is a super-fast, low maintenance door that can be configured for either interior or exterior applications. The extremely durable chemical, weather and puncture resistant door curtain provides superior wind resistance. The standard heavy duty side frames will not corrode or rust and their low profile dimensions are ideal for areas with minimal clearances. The 230's direct drive operates without pulleys, springs and bearings components within the side frame making the door easy to clean and very low maintenance. The Hi speed operation is well suited for high traffic and high cycle operation. If a forklift or equipment accidentally impacts the door the bottom beam will swing free of the side frames preventing damage to the door panel and beam. The 230 can then be reset for operation in seconds by simply running the door to the top open position. SEE Both flyer & Brochure for dimensions and Owners Manual	2006	Clinton, IL
7444	Wood Grinder	Arasmith Mfg	Arasmith MFG. Co. - Service No. 34.30.HH.1517.596 14.HT.2ADW/8.HAS.2 Infeed opening 30" x 18" Powered by 100 HP Lincoln AC Motor, TEFC Energy Efficient, RPM 1765, Frame 405T, Volts 230/460, Amps 226/113, 3 Phase, 60 Hz Wood Grinder has been reconditioned and is in great working condition. This grinder was being used to make mulch. Safety switches on all guards and doors to shut the machine off and not allow to turn on when guards or inspection doors are opened.		Illinois
Packaging			16 Items		
SJ212	Case Coder Control	Marsh	Marsh Videojet code dater control, Model 8000. P/N 33800. S/N 053121015WD. 1.5/3.0A, 50/60 Hz, 100-230V, Single Phase. Brand new in box		Jacksonville, IL
E2363	CD Case Feeder	EAM	CD Case Feeder; pneumatic on turn table; Manufactured by EAM		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
7437	Cup & Can Filler 4-lane	Osgood	Osgood Model 4600 (4) Lane S/S Cup Filler in running condition. Set with 4 3/8 in Diameter Round Cup Dies (size 409). (4) Lane Cup Denester with 5 in Diameter x 37 in H Columns and Underside Vacuum Cups to Place Cups in Dies. 18.5 ft L Between Denester and MAP System. (2) Under Lane Cup Vibrators For Settling Product in Cups, One For Lanes 1 and 2 and the Other For Lanes 3 and 4, Both with Deca Vibrator Motors. Oystar Model MAP Modified Atmosphere Packaging System with 4 S/S Nozzles with Approx. 1/8 in Diameter Openings, (S/N 16031, Yr. 2008). (4) Head Film Heat Sealing and Cutting System with Film Feed and Scrap Take Up Rollers. (4) Head Lid Applicator For Rectangle (Figure 8 Style) Shaped Cups with Vacuum Cup Lid Dispenser, Tamp Down Lid Press, Can Be Bypassed When Not in Use. (4) Lane Round Lid Applicator with (4) 44 in L x 3 3/4 in W Horizontal Lid Magazines with Rotating Feed Rollers, S/S Dispensing Chutes, S/S Lid Applicator Roller. 23 1/4 in W Discharge Section with Rotating Push Bard Set at 12 Inch Centers. Keenline Conveyor Systems Discharge Conveyor, 4.5 in W Delrin Table Top Chain Conveyor with 90 Degree Turn and 30 in L Decline Section. Allen Bradley Panelview 1250 Digital HMI Controls. Change Parts For 4 3/8 in x 3 7/16 in Rectangle (Figure 8 Style) Cups.		Illinois
7428	Dual Lane Cup Filler	Autoprod	Autoprod Model FP1x2 Dual Lane Tub Filler. Speeds up to 60 CPM. Consists of cup denester, piston fill station, roll stock heat sealer w/ die cutter, overlidder & discharge. Currently set up for 5-3/4 inch diameter 64 oz tub. Equipped (4) 32 oz piston fillers for 2 stage fill each side, with large capacity hoppers and rotary valves for thick body particulate product. Last running macaroni and potato salad. SLC5/03 PLC controls. 3/60/460 volt. Dimensions 192"L x 72"W x 94"H.		USA
E2364	Exhaust Hood		Exhaust hood Dimensions: 76"W x 61"D galvanized		Jacksonville, IL
E2365	Exhaust Hood		Exhaust Hood Dimensions: 68"W x 48"D galvanized		Jacksonville, IL
E2366	Exhaust hood		Exhaust hood 72"W x 56"D galvanized		Jacksonville, IL
E2376	Hot Melt Glue Unit	Nordson	Nordson model HM VII glue unit. Serial 7676. Part No. 109062. Unit designed for continuous circulation through hoses back to tank. Op temp 450F, melt rate 27 lb./hr, pump rate 120 lb./hr. Tank capacity for glue 20 lb. 230V, 3/1 phase, 50/60 Hz.		Jacksonville, IL
E2377	Hot Melt Glue Unit	Nordson	Nordson model HM VII glue unit. Serial 3429. Part No. 241102. Unit designed for continuous circulation through hoses back to tank. Op temp 450F, melt rate 27 lb./hr, pump rate 120 lb./hr. Tank capacity for glue 20 lb. 460V/10A/3 Phase/50-60 Hz.		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
7295	Metal Detector	MDI	MDI XR-3000 Metal Detector with XR-7F Controller The XR-3000 is an economical metal detector designed to give consistent protection against tramp metal damage. At just a fraction of the cost of the equipment you are protecting, the XR-3000 is a perfect fit. The Diamond Construction Process produces a tough coil that is highly resistant to interference from CB and radio noise as well as vibration. MDI specifically designed a coil that is rugged and will stand up to the demands of the harsh physical environments in which MDI Metal Detectors must endure. Detector and Controller are in very nice condition. These units were used in the plastics industry so they were not in a harsh environment. They were not installed very long. Quantity (3) available, priced separately.		Illinois
E2361	Reject Station		Reject Station: Includes Proximity Switch, Air Knife, control box - triggers a switch when metal is in close proximity. Last used to detect if CD's were in cases. If a CD was in the case, it would be blown off the line. Includes stand. Qty (5) of these available, priced separately		Jacksonville, IL
E2360	Reject Station	Prox switch	Reject Station: Includes Proximity Switch, Air Knife, control box, and tripod stand on wheels - triggers a switch when metal is in close proximity. Last used to detect if CD's were in cases. If a CD was in the case, it would be blown off the line. Includes stand.		Jacksonville, IL
E2355	Shrink Tunnel	Weldotron	Weldotron heat tunnel - Model 7121 S/N FW93271, 220 V, 35 amps, 1 Phase; Motor: 115V, 1 phase, .75 amp; Dimensions: 74"L x 34"W x 61"H. Tunnel passage width: 16" and height: 8". Versatile shrink tunnel designed to produce complete, uniform shrink on a wide range of product sizes and shapes.		Jacksonville, IL
E2375	Shrink Wrap Rolls	Opti-95	Opti-95 Shrink-wrap film. 22 rolls available. Maintains product integrity through the rigors of distribution and retail handling. Low haze and crystal clear clarity. Works on most types of equipment, from manual L-sealers to automated high-speed wrappers. Opti-95 is a biaxially-oriented polyolefin film that is said to achieve precision shrink consistently, without irradiation, at remarkably low sealant temperatures. Get excellent high gloss results every time. The film also serves a tamper-evident function. 60 Gauge, Width 14.5", Length: 17500 ft.		Jacksonville, IL
E2368	Shrink Wrapper	Sherwood	Conflex/Sherwood shrink wrapper Model CW-160; Dimensions: 55"W x 107"L x 69"H. Features: Continuous motion and a Rotary hot knife seal system with digital temperature control. Item is being sold "as is" and has not been tested.		Jacksonville, IL
7429	Tub Filling Line	DEL	DEL Packaging Tub Filling Line. Includes Denester Model SD-VC-310, Horizontal top In Feed conveyor, Conveyor (1) is 3 1/4 inch wide X 115 inches long, Conveyor (2) is 3 1/4 inch wide X 96 inches long, Stainless steel frame, Leveling legs, Reliance Electric DC drive speed adjuster and , Reliance Electric drive motor. Dimensions: 135 inches long X 48 inches wide X 80 inches tall Filler is all Stainless steel construction with 16 inch Parker CTC touch screen operating panel, Waukesha Feed pump, 4 1/2 inch wide X 100 inches long conveyor, 12 head filler. Last running 4.09 ounce tubs. Excess drain. Dimensions: 109 inches long X 66 inches wide X 95 inches tall Over Capper with 5 1/2 inch wide feeder, 5 inch center, 153 inches long X 4 1/2 inches wide conveyor		Evansville, IN

Asset	Name	Manufacturer	Description	Built	Location
Piping			24 Items		
SJ119	Automatic Valve	Auto Valve	Automatic 2" pneumatic actuated valve - 2-way ball valve. Brand NEW - never used. Valve is a Velan carbon steel w/ stainless steel 316 ball w/ pneumatic actuator & position indicators.		Jacksonville, IL
SJ302	Automatic Valve	Tufline	Tufline automatic plug valve, 1-1/2 inch valve flanged rated 150 psi with Hytorq 71 Pneumatic actuator Model E1A-0071-S80-A00, serial 125744099. Exp proof group 2.		Jacksonville, IL
S1312B	Ball Valve	Apollo	Apollo 1/2" bronze ball valve. Model: 70-103-01.		Jacksonville, IL
SJ301	Ball Valve	Ball Valve	Automated ball valve, 2 inch 316 stainless steel, screwed connections rated 300 psi. With Bettis electric actuator Model EM SR5M-30-C4-02-305, serial 04-3029205-001. Built 2004	2004	Jacksonville, IL
S1204B	Ball Valve	Kitz	Kitz 1" steel ball valve. Class: 150. WCB		Jacksonville, IL
S1310B	Ball Valve	Milwaukee Valve Company	Milwaukee Valve Company, Inc 1-1/2" bronze ball valve. 600 WOG. 150 SWP. New		Jacksonville, IL
S1311B	Ball Valve	Milwaukee Valve Company	Milwaukee Valve Company, Inc bronze ball valve. 600 WOG. 150 SWP. New. Assembled as a uni-directional safety exhaust valve.		Jacksonville, IL
S1315B	Ball Valve	Milwaukee Valve Company	Milwaukee Valve Company, Inc 1" bronze ball valve. 600 WOG. 150 SWP.		Jacksonville, IL
S1305B	Ball Valve	Sharpe	Sharpe 50M76 3/8" ball valve. 1000 CWP CF8M.		Jacksonville, IL
S1208B	Ball Valve	Sharpe	Sharpe 1" 3 piece steel ball valve. 1000 CWP. Socket weld type. New. There are 4 of these available - priced separately.		Jacksonville, IL
5744	Ball Valve SS	Flow-Tek	2" Stainless Steel ball valve, Flow-Tek S85 CF8M 1000 WOG; This item is new but has been in storage for some time		Jacksonville, IL
J1133	Ball Valves, ss316	Ball valve	Ball valve ss316 - 3 inch flanged - Qty (3) - priced for the lot		Jacksonville, IL
7201	Basket Strainers		Basket strainer 3 inch with ss basket. Stainless Steel with quick open lid. Rated 150 psig. Quantity (2) - priced each		Grant City, MO
21-VV-608	Butterfly Valve & Actuator		Stainless steel butterfly valves, 18 inch with pneumatic actuators. Qty (3) - priced for all. Like new	2009	Soperton, GA
S4303B	Check Valve	Jenkins	Jenkins 3" cast steel swing check valve. Cat. No. J1025B2. Body: WCB, Disc: Cr13, Seat: HF. Class 150. Pressure: 285 psi @ 100F. 850F max temp.		Jacksonville, IL
SJ113	Control Valve, Steam	Armstrong	Armstrong Steam Control Valve, Size- 65mm, Type-Globe Valve, Ratings- 150lbs, Series 1100, Installed in line. Used one month then removed, like new, Trim is SS410HTN, serial VX-01169		Jacksonville, IL
S1201B	Gate Valve	Bonney Forge	Bonney Forge 1-1/2" gate valve. A105N body, CR13 stem and disc.		Jacksonville, IL
S1202B	Gate Valve	Bonney Forge	Bonney Forge 2" gate valve. A105N body, CR13 stem and disc.		Jacksonville, IL
S1205B	Gate Valve	Bonney Forge	Bonney Forge 3/4" gate valve. A105N body, CR13 stem and disc. NEW but has surface rust		Jacksonville, IL

Asset	Name	Manufacturer	Description	Built	Location
6595	Gate Valve	Fairbanks	Fairbanks 16" gate valve. New. Figure No. 0405. 150 WOG		Grant City, MO
S4302B	Globe Valve	Wm. E. Williams	William E. Williams (WEW) bronze 2" globe valve. NEW. 150 class, B62 body and trim. Pressure: 225 psig @ 150F. Max Temp: 350F. New		Jacksonville, IL
SJ208	Pressure Gauge	Anderson	Anderson pressure gauge - NEW, in box. Range 0-600 psig, glycerin filled, 2 inch NPT connection. Model EL08201044111A, S/N 0920989. Quantity (2) - priced separately.		Jacksonville, IL
S4401B	Pressure Gauge	Dwyer	Dwyer Magnehelic pressure gauge. Model W23T 2003-BUNA-IC ASF. Max pressure: 15 psig. Differential pressure gauge, impregnated case, adjustable signal flag, 4" dia. Face. Brand NEW - in box		Jacksonville, IL
21-VV-156	Shut Off Valves	Neles	Neles automatic fail safe shut off ball valves mfg by Metso Paper. Valves are carbon steel 14 inch dia with Neles spring loaded pneumatic actuators designed to close in less than 2 seconds. Like new - Built in 2009 but used only 42 days. Quantity (2) - Price is for both, includes removal and loading on your truck. Checked	2009	Soperton, GA

Plants

11 Items

7410	Biodiesel Plant 15 MGY	Greenline	Biodiesel plant rated for 15 MGY (million gallons per year). Complete plant including land, rail siding, rail & truck loading, 13 tanks. Two separate complete biodiesel trains - a 5 MGY system and a 10MGY system. All electrical, lab, utilities, and auxiliaries. Plant is a Greenline design capable of running multi feedstocks. It ran animal fat during its production. The 10MGY train was added new in 2008 - plant has been Idle since 2009. Can be run in place. If moved, removal is extra. Land size is approx. 240 ft x 650 ft for 3.5 acres. Much more information available in our Virtual Data Room (VDR). Please ask for an invitation.	2007	Missouri
7470	Biodiesel Plant 1MGY	Raptor Technology	Biodiesel plant with nameplate capacity of 1 MGY (1 million gallons of biodiesel per year). Designed by Raptor Technology. Built to run used cooking oil (yellow grease) and brown grease as feedstock. Production began mid 2011 - plant was idled in 2012. Offered as Asset Sale for complete plant equipment. Can also be sold as complete plant to operate in place, or to relocate. We can provide photos and description of each component on request.	2011	Savannah, GA
7460	Biodiesel Plant 40 MGY	SAFER	Biodiesel plant nameplate rated at 40 million gallons per year (40 MGY). Excellent access to Mississippi River docks and rail. One pipeline already built to docks for barge traffic. Can handle 100 car unit trains if needed on main dead-end track. Convenient to I-40, I-55, and the Memphis-Little Rock gateway. Designed and built by Safer - starting in 2007, finishing in 2012. Plant has proved operation at 20 MGY and can operate to 27.5 MGY (335 days). Improvements to water separation should take it to nameplate capacity. Built for degummed soybean oil as feedstock. Includes 38 acres, tanks, lab, buildings, all utilities (boiler, chiller, cooling tower, air compressors). All automatic operation (only 3 men/shift total) utilizing Allen Bradley Logix plc on a SCADA system. Complete information regarding operation is available in our Virtual Data Room (VDR).	2012	Helena, AR

Asset	Name	Manufacturer	Description	Built	Location
7121	Biodiesel Plant 7 MGPY	Bionerg, S.A.	Biodiesel plant - NEW, never used except to run test trials and prove biodiesel production. Rated at 7 Million gallon per year. Built 2009. Designed for degummed soybean oil input. Produces 6,470 #/hr of B100 + 847 #/hr of concentrated glycerin. Built and designed by Bionerg (ePlus), S.A. Argentina. Biodiesel train skidded - ready to load. Includes Hurst firetube boiler, unload & load systems, Glycerin system. Set up to meet spec ASTM D6751. Price includes all equipment, control system and control logic. Removal and Loading costs not included.	2009	Southeast
5766	Bleach System 150 MTPD	DeSmet	Stainless steel continuous bleaching system, capacity up to 150 MTPD. Includes DeSmet stainless steel 2,000 gallon bleacher with demister pads, (2) LFC Lochem vertical filters with 38 sq m surface area each, 1 pumps. Built in 1985. See the schematic and flyer for more details. Does not include the vacuum system but we can provide a new update vacuum system, and also an updated earth handling system. Approximate area needed: 15 ft x 20 ft for bleaching system & filters plus 10 ft x 10 ft for earth handling. Two floors. Price includes removal and loading on your trucks or containers.	1985	Kingston, Jamaica
7421	Crush Extraction Plant 240 TPD	Bionerg - Argentina	Mechanical extraction plant built to crush soybean. The crush plant was finished in 2008, ran 1,000,000 bushels of soybean in 2009 and was then idled. It is designed by Bionerg to run 9,000 kg/hr (~240 tons per day) soybeans with 2% impurities maximum. The designed output is 14% degummed oil and 82% high fat soybean meal. Includes a degumming system which produces the oil suitable for biodiesel production. The meal has residual fat of 6-8% which makes it ideal to sell to nearby chicken farms as feed. There is no issue getting beans to run in the plant and the owner states they could easily sell all the meal they made. There are three 125,000 bushel grain bins and one meal bin for storage. The plant also includes a very nice office building, truck scale, meal loadout, GSI vertical grain dryer, oil tank farm (with six 25,000 gallon tanks), oil loadout, all electrical & controls, air compressor, and boiler. There are 3 production lines, each with 2 IMDB EX 1605 extruders and 1 MACOEX PTE 30 press. The programming and the plant are still supported. Ideal to purchase with land to run in place. Co-Located with 7 MGY biodiesel plant - can be purchased as a package.	2009	DeWitt, AR
7420	Feedstock Refinery 230 MTPD		Oil & Fats feedstock refinery - for cleaning up lower cost oils such as UCO, animal fat, poultry fat for use as a low cost feedstock to the biodiesel industry or animal feed industry. Built 2011, produced in 2012 - now idle. Total nameplate capacity is 230 MTPD (21,000 pounds/hr); Produces 191 MT/day of clean oil (low in ffa, moisture, phosphatides, solids) and 4.5 MT/day of free fatty acids (ffa). Complete plant is available for purchase - sits on 5 acres of a 20 acre plot. All 20 acres are for sale. Has truck loading spots, separate truck unloading spots, and 2 rail sidings. Includes all utilities, tank farm, 2 boilers, buildings, complete auto control with Allen Bradley RS Logix plc system. Positioned in the Southeast and can inexpensively provide feedstock for plants in that area.	2011	Selma, AL
6529	Hydrogen Gas Plant 55,000 scfh	Glitsch Technologies	Hydrogen generating plant engineered by Glitsch Technologies and installed by McAbee Construction in 1995. Design capacity is 1.3 MM scfd (55,000 scfh). Includes waste heat boiler for steam export. Plant is now shut down, and proper shutdown procedures were followed. Built to US standards and measurements. Purity to 99.99% H2. Mothballed in 2006, boiler dry packed and plant under nitrogen. Reformer holds 10 tubes - currently has 8 installed. Voltage 575V 60 Hz.	1995	Ontario

Asset	Name	Manufacturer	Description	Built	Location
6530	Hydrogen Gas Plant 90,000 scfh	Hydro-Chem	Hydrogen generating plant engineered by Hydro-Chem built in 1980. Design capacity is 90,000 scfh at 200 psig with a purity of 99.99% pure hydrogen - was running on 10 of its 20 tubes for 45,000 scfh capacity. Reformer can be fired on natural gas or propane - same burner. Waste heat boiler generating 3,000 to 5,000 #/hr export steam at 250 psig. PSA plant (4 psa vessels replaced in 1998) with Jamesbury valves kept up to date, Quench pot design. Plant completely intact except for small natural gas compressor. Has new tubes, new reformer and shift converter catalyst. Five (5) spare tubes available. Plant has just recently shut down in mid 2012, and proper shutdown procedures were followed - still under nitrogen blanket. Reformer tubes are 6.625" OD, 5.25" ID, 30.825" long and made of alloy HP50 (also known as 25/35).	1980	Nebraska
fp100	Methanol Mixed Alcohols Plant		Mixed Alcohols and/or Crude Methanol Production: Partial Plant & System: LIKE NEW - only ran 42 days. Surplus to the ongoing operation. Produced Mixed Alcohols. Catalytic Conversion of Organic Alcohols. Designed for 125 TPD woody biomass input, for 5 MGY (million gallons per year) methanol output. Plant was designed to convert biomass gas into organic alcohols using the Fischer-Tropsch Process. It is a pentane based batch azeotrope separation system. The wood yard & gasifier system are not part of this sale. However, most Fischer-Tropsch process equipment and systems downstream are included: Metso feeder system, Quench, Gas Cleanup, Compression (2 sets), Catalytic Converter, Alcohol cooling/compression. Equipment was purchased in 2009 and installed in 2009/2010. Manuals, drawings available. Price includes all interconnecting piping, structure, and instruments, but does not include removal. We can remove and load for you if desired. See flyer for complete arrangement and details.	2009	Soperton, GA
7018	Refinery-Bleach- Deodorizer 20MTPD	DeSmet Rosedowns	Complete Refinery - NEW. Capacity 20-40 MTPD (Can be modified to get 40-80 MTPD). This plant was installed in 2002-2003 but was never started up. Manufactured by DeSmet Rosedowns. Includes neutralizing, bleaching, deodorizing plus steam boiler 300HP. This is a batch type system. Includes the following: 1. Batch Bleacher / Neutralizer Vessel, 2. Batch Deodorizing Unit, 3. Steam Generator 300HP Reconditioned York Shipley Firetube Boiler (natural gas for US firing), 4. Crude Oil Heel Tank, 5. Bleaching Earth Hopper, 6. Vacuum Tank DeSmet 841-A, 7. Soap stock storage tank, 8. Lot of structures, platforms and supports included, 9. All drawings, manuals and related information included, 10. The PFD drawing shows in red the minor items that are missing that will have to be replaced. Pumps are included (motors missing). Cost includes removal. Ready to ship - Loading fee will apply.	2002	Ft Worth, TX

Process

80 Items

6576	Air Cannon	Stanam Industries	Airchoc AC 4 air cannon. Built by Stanam Industries. This air cannon is built specifically to blow a small amount of air into your silo or hopper to break up funnels and bridges of powdery substances. Capacity: 7 cubic ft @ 14.7 psi, 57.5 cubic ft @ 120 psi. 8" outlet diameter. Dimensions: 46"L x 27"W x 36"H. 58 lbs. Suitable to use for all clogging issues. Easily installed and very good reliability. Operating manual included.		Grant City, MO
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Asset	Name	Manufacturer	Description	Built	Location
6592	Air Cannon	Stanam Industries	Airchoc AC 4 air cannon. Built by Stanam Industries. This air cannon is built specifically to blow a small amount of air into your silo or hopper to break up funnels and bridges of powdery substances. Capacity: 7 cubic ft @ 14.7 psi, 57.5 cubic ft @ 120 psi. 8" outlet diameter. Dimensions: 46"L x 27"W x 36"H. 58 lbs. Suitable to use for all clogging issues. Easily installed and very good reliability. Operating manual included.		Grant City, MO
7140	Barometric Condenser	Kinema	Kinema barometric condenser for thin film dryer. Model 844062-PY. Last used as 1st barometric on #4 thin film dryer		Grant City, MO
5718	Bleacher - 150 TPD Stainless	DeSmet	DeSmet stainless steel vacuum bleacher for continuous bleaching. Total capacity is 150 tons per day. Size 5' diameter with 3.5" insulation, 14' tall. Demister pad section 4' diameter x 5' tall. OAH 19 feet. Includes 2 centrifugal 3"x2" pumps. Includes 2 Krohne stainless steel mechanical flowmeters, one 1" and one 2". Includes additional side mounted small vessel and RTD for level control. Small vessel dimensions 1' diameter x 8' tall with 2" inlet. Includes 2 Masonellan stainless steel 2" pneumatic control valves. Includes operators manual. Part of bleacher system item 5766. .	1985	Kingston, Jamaica
21-V-281	Blowdown Drum	Precision Pipe & Valve	Pressure Vessel used as Flue Gas HRSG steam blowdown drum. Material: SS304. Rated at 150 psig at 600F. Physical size is 2 ft dia x 8 ft long for capacity of 185 gallons. Manufactured by Precision Pipe & Valve (PPV) in 2009.	2009	Soperton, GA
B-600A	Booster Blower		Model WE330x92,S/N 33648, 33" backward incline impeller rated flow 15,755 ACFM, Driven by 60hp motor. Picks up vapors from centrifuge, evap, distillation, and fermentation and boosts to RTO. Does not include starter.		Hastings, NE
41-CA-168	Catalyst - Methanol	Sud Chemie	MegaMax 700 by Sud Chemie, 4 drums of Catalyst - New drums "Methanol Catalyst" - New drums. Note: Inventory not verified - These catalyst drums may not be available:	2009	Soperton, GA
41-CA-196	Catalyst - Sulfur Guard Bed	Haldor Topsoe	Catalyst - 2 drums of sulfur guard by Haldor Topsoe HTZ-4. 80-90% zinc oxide and 10-15% aluminum oxide, ans 2 drums of Haldor Topsoe A/S. Alumina: 7 drums of alumina support balls packing rings. Catalyst: 3 drum TotsuCat AMA-1 catalyst. New drums	2009	Soperton, GA
41-R-168	Catalytic Converter Reactor	Wagner	Catalytic Converter designed for 3.9 MMBTU/hr. Design specifications are for 14,500 gallons/day crude methanol or 12,500 gal/day mixed alcohols. Mfg by Wagner Plate Works in 2009. Size approx 7 ft dia ID x 17 ft s/s x 30 ft overall height for approximately 7,600 gallons capacity - tube bed approx 17 ft long. Has 1,028 x 1-1/2" tubes Sch 80 stainless steel TP304L, shell cs 516-70 4 inch thick. ASME Nat'l Bd 55, MAWP 2250 psig/FV at 650 F. Converter currently loaded with approx 150 cu ft methanol catalyst - Sud Chemie MegaMax 700. Still installed - price does not include removal. Note: we have the complete reactor module as well with all pieces shown in photos plus instruments - see asset ID FP411.	2009	Soperton, GA
21-B-608	Centrifugal Blower	New York Blower	Centrifugal blower mfg by New York Blower. This is a 30 CI fan belt-driven by 7.5HP Baldor motor, 2000 cfm at 800F, 7.5 s.p. This fan is in excellent condition, having run only 42 days. Built 2008. Removed - ready to load.checked	2008	Soperton, GA
21-P-304A	Centrifuge feed pump		30 HP; 1800 RPM; Rated head: 22 psi; 260 gpm flow; 304 SS		Soperton, GA
21-P-304B	Centrifuge feed pump		30 HP; 1800 RPM; Rated head: 22 psi; 260 gpm flow; 304 SS		Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
41-V-160	Coalescer	Clark Reliance	Coalescer designed for 99.98% removal at 0.3 micron. Built by Clark Reliance Corp in 2009 - ran 42 days - like new. ASME MAWP 1650 psig at 250F. Nat'l Bd# 3772, s/n CR-09-14443. Material carbon steel. Uses Anderson filter element CRC-436-003-V (qty 5). Part # AFC-9-RTJC. Includes Jerguson magnicator level indicator. Used for Synloop Compressor Coalescer, part of module FP415.	2009	Soperton, GA
31-V-232	Coalescer	Clark-Reliance	Coalescer vessel, ASME MAWP 1650 psig/FV at 350F, Nat'l Bd# 3771, s/n CR-09-14436. Carbon steel. Built by Clark Reliance in 2009 - used 42 days, like new. Hold 5 filter elements. Used as 4th Stage Booster Discharge Coalescer - not sold separately, part of compressor module fp315	2009	Soperton, GA
31-K-216	Compressor 1750HP 2500 psig	Toromont	Gas compressor skid with White Superior Frame 72 - (2) cylinder rated at 2500 psig at 300F, 1750 HP. White Superior W72 compressor with two cylinders. Cylinder 1 is 8" bore x 7" stroke MAWP 1650 psig, Cylinder 2 is 5.5" bore x 7" stroke MAWP 2500 psig. Includes remanufactured Reliance rebuilt motor Frame 9240, Volts 4160, Type P, RPM 895, HP 1750. Rebuilt and tested in 2009 - ran 42 days - like new. Complete skid packaged by Toromont includes 4 dampner bottles and all compressor auxiliaries. . Used as 3rd & 4th stage Booster Compressor Last used as SynGas 3rd & 4th stage Booster Compressor for complete module fp315 running at 110F and 346 psig at 14,475 #/hr on Stage 3 - and 207F 346 psig and 17,907 #/hr on Stage 4. Still installed - price does not include removal. For all components, enter K216 in search box.	2009	Soperton, GA
31-V-132	Compressor dampener pressure vessel	Toromont	Compressor dampener pressure vessel - ASME MAWP 225 psig at 350F, Nat'l Bd# 1300. Carbon steel. Built by Toromont in 2009 - ran only 42 days - like new. Used as 1st stage booster suction bottle. Part of Compressor 31-K-120, not sold separately	2009	Soperton, GA
31-V-136	Compressor dampener pressure vessel	Toromont	Compressor dampener pressure vessel - ASME MAWP 215/FV at 350F, Nat'l Bd# 1301, s/n 09-112. Carbon steel. Built by Toromont in 2009 - Used as 1st stage booster discharge bottle. Part of Compressor 31-K-120 not sold separately	2009	Soperton, GA
31-V-144	Compressor dampener pressure vessel	Toromont	Compressor dampener pressure vessel - ASME MAWP 425 psig at 250F, Nat'l Bd# 1302, s/n 09-113. Carbon steel. Built by Toromont n 2009 - Last used as 2nd stage booster suction bottle. Part of Compressor 31-K-120, not sold separately	2009	Soperton, GA
31-V-148	Compressor dampener pressure vessel	Toromont	Compressor dampener pressure vessel - ASME MAWP 425 psig at 350F, Nat'l Bd# 1303, s/n 09-114. Carbon steel. Built by Toromont in 2009. Used as 2nd stage booster suction bottle. Part of Compressor 31-K-120, not sold separately	2009	Soperton, GA
31-V-160	Compressor dampener pressure vessel	Toromont	Compressor dampener pressure vessel - ASME MAWP 1285 psig/FV at 350F, Nat'l Bd# 1304, s/n 09-115. Built by Toromont in 2009 - was run 42 days - like new. Carbon steel. Used as 3rd stage booster suction bottle. Part of Compressor 31-K-216, not sold separately	2009	Soperton, GA
31-V-168	Compressor dampener pressure vessel	Toromont	Compressor dampener horizontal pressure vessel. ASME MAWP 1285 psig/FV at 350F, NB# 1305, s/n 09-116. Carbon steel. Built in 2009 by Toromont - used 42 days - like new. Used as 3rd stage booster discharge bottle. Part of Compressor 31-K-216, not sold separately	2009	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
31-V-172	Compressor dampener pressure vessel	Toromont	Compressor dampener pressure vessel - ASME MAWP 1850 psig/FV at 250F, Nat'l Bd# 1306, s/n 09-117. Carbon steel. Used as 4th stage booster suction bottle. Part of Compressor 31-K-216, not sold separately	2009	Soperton, GA
31-V-176	Compressor dampener pressure vessel	Toromont	Compressor dampener pressure vessel - ASME MAWP 1850 psig/FV at 350F, Nat'l Bd# 1307, s/n 09-116. Built by Toromont in 2009 - ran 42 days - like new. Carbon steel. Used as 4th stage booster discharge bottle. Part of Compressor 31-K-216, not sold separately	2009	Soperton, GA
41-V-148	Compressor dampener pressure vessel	Toromont	Horizontal pressure vessel compressor dampener. Built by Toromont in 2009 - used 42 days: Like New. ASME MAWP 1850 psig at 350F, Nat'l Bd# 1309, s/n 09-120. Physical size 16" dia x 60" for 50 gallon capacity. Used as Synloop Compressor Discharge Bottle 1. Part of compressor 41-K-140, not for sale separately.	2009	Soperton, GA
41-V-156	Compressor dampener pressure vessel	Toromont	Horizontal pressure vessel compressor dampener. Built by Toromont in 2009 - used 41 days: Like New. ASME MAWP 1850 psig at 350F, Nat'l Bd# 1310, s/n 09-122. physical size 16" dia x 60" for capacity of approx 50 gallons. Used as Synloop Compressor discharge dampener bottle #2. Part of compressor 41-K-140, not for sale separately.	2009	Soperton, GA
41-V-144	Compressor dampener pressure vessel	Toromont	Horizontal pressure vessel compressor dampener. Built by Toromont in 2009 - used 42 days: Like New. ASME MAWP 1650 psig at 250F, Nat'l Bd# 1308, s/n 09-119. Physical size 16" dia x 60". Used as Synloop Compressor Suction Bottle 1. Part of compressor 41-K-140, not for sale separately.	2009	Soperton, GA
41-V-152	Compressor dampener pressure vessel	Toromont	Horizontal pressure vessel compressor dampener. Built by Toromont in 2009 - used 41 days: Like New. ASME MAWP 1650 psig at 250F, Nat'l Bd# 1299, s/n 09-121. Physical size 16" dia x 60" for capacity of 50 gallons. Used as suction dampener (on top - stage 1). Part of compressor 41-K-140, not for sale separately.	2009	Soperton, GA
31-P-628A	Compressor Lube Utility Pump		Compressor Lube Utility Pump. Part of compressor 31-K-120, not sold separately	2009	Soperton, GA
31-P-628	Compressor Lube Utility Pump		Compressor Lube Utility Pump. Part of compressor 31-K-216, not sold separately	2009	Soperton, GA
31-MT-620	Compressor Oil Cooler Fan/Motor		Compressor Oil Cooler Fan/Motor. Part of compressor 31-K-120, not sold separately	2009	Soperton, GA
31-MT-604	Compressor Oil Cooler Fan/Motor		Compressor Oil Cooler Fan/Motor. Part of compressor 31-K-216, not sold separately	2009	Soperton, GA
31-P-624	Compressor Pre Lube Pump		Compressor Pre Lube Pump. Part of compressor 31-K-120, not sold separately	2009	Soperton, GA
31-P-608	Compressor Pre Lube Pump		Compressor Pre Lube Pump. Part of compressor 31-K-216, not sold separately	2009	Soperton, GA
31-MT-624	Compressor Pre Lube Pump Motor		Compressor Pre Lube Pump Motor. Part of compressor 31-K-120, not sold separately	2009	Soperton, GA
31-MT-608	Compressor Pre Lube Pump Motor		Compressor Pre Lube Pump Motor. Part of compressor 31-K-216, not sold separately	2009	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
21-V-240	Condensate Separator		Size: 3'0" Dia. X 22'2" F-S; 150 psig full vac @ 350°F; Vessel Volume: 1157 gal; Carbon Steel		Soperton, GA
7472	Deodorizer Vessel SS		500 Gallon Deodorizer Vessel Size: 42 in Dia by 7 ft sidewall with dished top and bottom heads Rating: Full Vacuum at 500 F MOC: 304L SS, Coils: 304L SS Sch 80 pipe rated 150 psig at 300 F for Cooling Water with 15 turns Sparger Coil: 304 L with 3 turns and 10 - 1/8" holes facing down Nozzles: 2 in Oil Inlet, 2 in Oil Outlet, 1 in Temperature Transmitter, 1 in Pressure Transmitter, 8 in Vacuum, 1 in Sample, 18 in Manhole, 2 in sight glass, 1 in CW in, 1 in CW out, 1 in Steam In, 8 in heater flange Supports: 4 Lugs All vessels are designed and constructed according to the ASME Boiler & Pressure Vessel Code Section VIII Division I, but will NOT be 'U' stamped. In addition, the system and components are designed to facilitate maintenance where required. Delivery: 8 to 12 weeks after final drawing approval. Photo is not actual Deodorizer Vessel - similar item shown for reference only.		Springfield, MO
11-V-152	Dividing Bin	Metso	Dividing Bin mfg by Metso. Contains a vertical bin with two horizontal screw feeders at 180 degrees from each other. Stainless 304SS. ASME, operating pressure 150 psi at 366F. Designed to divide a vertical flow of particles such as wood chips evenly into two opposing horizontal flows. The vertical flow dividing bin has a top mounted agitator 15HP, and is physical size is 29-1/2/35-1/3" dia x 8' 2-3/8" tall, pressurized shell with manhole. Each screw feeder auger has variable pitched flights, 316L driven by a Toshiba 20HP motor, 460V, 60HZ, 20HP, 1750 RPM, Screw Speed: 11 RPM. Each screw housing size is 12" dia x 9' 6" long. Like new - ran only 42 days. Removed and ready to load on your truck. Checked	2009	Soperton, GA
41-ED-638	Eductor		Eductor. Suction gas flow 125 lb/hr, Rated at 200 psig at 250F. Last used as Line Flash Eductor. Part of FP413	2009	Soperton, GA
41-ED-100	Eductor		Eductor, Capacity 5500 #/h, 600 gpm. Last used as Start-up Steam Heater. Part of reactor module FP411, not sold separately	2009	Soperton, GA
21-ED-156B	Eductor Venturi Scrubber		Eductor - Size: 4'0" O.D. x 5'7 13/16" High; 80 psig, Vessel Volume 848 gal; 304SS. In quench module		Soperton, GA
B-1809	Exhaust Blower	Meissner & Wurst	Flash Cooler Exhaust Fan manufactured by Meissner & Wurst Type V29/RU 900R. Designed for 16.7 cu m/sec flow - Driven by Reliance Electric duty master 200HP, 1785 RPM, Model 5312A,		Hastings, NE
H2036	Filter sock		Filters for polish filter. 9 boxes of 25 bags each. Bags measure 2 ft 5 in long.		Grant City, MO
31-V-156	Flash Drum, Atmospheric	PPV Precision Pipe & Vessel	Atmospheric Flash Drum. Manufactured by Precision Pipe & Vessel in 2009. ASME rated MAWP 150/FV T 250F. Material carbon steel. Part of Absorber & cleanup module FP311	2009	Soperton, GA
31-V-164	Flash Drum, High Pressure	PPV Precision Pipe & vessel	High Pressure Flash Drum. Manufactured by Precision Pipe & Vessel in 2009 - ran 42 days only - like new. Physical size 72"dia x 11'-6" for 3750 gallon capacity. ASME rated MAWP 200/FV at 250F. Nat'l Bd# 679, s/n CV-0884. Material: tubes 304SS - shell carbon steel. Part of module fp311	2009	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
31-K-120	Gas Compressor 1750HP 425 psig	Toromont	Gas Compressor skid Two Stage rated at 425 psig at 300F, with 1750HP motor. White Superior W72 compressor with two cylinders. Cylinder 1 is 21-3/4" bore x 7" stroke MAWP 225 psig, Cylinder 2 is 15-7/8" stroke x 7" stroke MAWP 425 psig. Includes remanufactured Reliance motor Frame 9240, Volts 4160, Type P, RPM 895, HP 1750. Complete skid assembled by Toromont in 2009 and ran only 42 days - like new. Last used as SynGas 1st & 2nd stage Booster Compressor for complete module fp314 running at 104F and 51 psig at 14,475 #/hr on Stage 1 - and 240F 350 psig and 14,475 #/hr on Stage 2. Compressor has been removed - ready to load. Price INCLUDES loading. For all components, enter K120 in search box.	2009	Soperton, GA
41-K-140	Gas Compressor 600HP 1650 psig	White Superior	Gas Compressor, White Superior - 2 stage 6" bore, 6" stroke - each cylinder. Compressor MW-62 frame. Class W6ED, serial 63043, M.W.P. 1500. MAWP 1650 psig at 275F, 800 rpm. Shaft bore size (pump) 4.122", 1.000", keyway. Material carbon steel. Includes two cylinders: Includes motor (see asset ID 41-MT-140 for details): Motor shaft size 4.124", 1" keyway. Westinghouse motor 600HP, 893 rpm, 4160 v/60/3. Assembled by Toromont Job# 0903-C0532RF. Compressor Weight 65000 lbs, Physical skid size 20 ft long x 6.5 ft wide. Last used as Synloop syngas compressor - used only 42 days - like new, idled 2010. Still installed - price does not include removal. For components, enter K140 in search box	2009	Soperton, GA
SB08B	Gear Reducer	SM-Cyclo	SM-Cyclo gear reducer. Model: CHH-6135Y-11. S/N: VA0175569. 1:11 ratio. Input: 15.2 HP @ 1750 RPM. Output torque: 5700 in-lbs. NEW		Jacksonville, IL
21-glycol	Glycol Cooling Skid		Glycol cooling & recirculation skid. Includes glycol tank 2'x2'x6' for capacity of 180 gallons, (2) centrifugal recirculation pumps with 3HP Baldor motors, AKG Thermal System air radiator - all on a heavy duty skid approx 4' wide x 6' long. Built 2009. Like new - only ran 42 days.	2009	Soperton, GA
21-E-184	LP Flash Gas Condenser		3.47 MMBTU/hr; Shell Side 150 psig @250°, Carbon Steel; Tube side: 150 psig & FV @ 350°F; 304 SS		Soperton, GA
21-seal	Oil Recirculation Skid		Skid mounted seal oil or lube oil recirculation & cooling skid. Includes (2) hydraulic/oil pumps with 6HP Baldor motors, AKG Thermal System air radiator, hydraulic oil tank 2'x4'x2' for 120 gallon capacity. All mounted on heavy duty skid - approx size 6' wide x 8' long. Built 2009, like new only used 42 days.	2009	Soperton, GA
11-AG-148	Plug Screw Feeder	Metso	Plug Screw Feeder manufactured by Metso Paper. Serial #ATLF100351. The auger screw has been removed - we are selling the heavy duty frame, the 200HP motor, and the Heavy duty Falk gearbox model 425A2C, input rpm 1170, output 84 rpm. Approx size of frame is 6' wide x 12' long. The motor and gearbox are like new - only ran 42 days. Built 2009. 460V, 60HZ, 200HP. Removed and ready to load - no charge for loading or removal.	2009	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
7415	Pulverizer Mill	Bepex	Pulvocron, a combination pulverizer and classifier built by Bepex in Minneapolis, MN. This piece does not include the classifier. This airswept pulverizer has external fineness adjustment during operation. Size PC76. Model PC-76-A. Powered by GE Electric AC motor, 500HP, 1780 rpm, 460 volts/3/60. Frame 8288S. Mill rated at 600HP, classifier rated at 50 HP. Air movement between 70,000 to 100,000 acfm. This versatile Pulvocron can pulverize in the medium fine, fine, and ultra-fine particle size ranges down to 10 micron top size with only minor adjustment. Actual housing and mechanical moving parts are all stainless steel. Pulvocron is used in a lot of flour/rice operations. This was removed from a flour plant and was still in use at the time of shut down. Pulvocron was removed early 2013 and the plant was idled in 2010. Condition is good used not much wear internally inside housing. The carbide tips are in especially good shape - it appears they were replaced just prior to shuydown. The carbide tips look like they were just replaced before the plant was shut down, they look new Physical size 113" x 197" x 161", weight with motor 35,400 pounds		Illinois
21-V-236	Quench LP Flash Drum		Size: 3'-6" Diam x 19'-9" High; 150 psig and FV@350°F; Vessel Volume: 1293 gal; SA-240-304L Price does not include removal or loading		Soperton, GA
21-V-280	Quench Separator		Size: 4'0" O.D., 29' 3.5" (T-T); 80 psig, Vessel Volume 2863 gal; 304L SS		Soperton, GA
5715	Retention Mixers (2)	Alfa Laval	Alfa Laval vertical retention mixers. Model RM250. Built in June 2000. Job 119171. S/N SF-688C-01 & SF-688C-10. Frame S/N 415 & 416. ASME Nat'l Board #381 & 382. Manufactured and certified by Ross Engineering, Savannah, GA. MAWP shell 200 PSI @ 300F. MDMT shell -20F @ 200 PSI. Ross 15 HP explosion proof mixer and gear unit, output at 245 RPM. 4' flange to seam. 3' diameter. 7' overall vessel height. 10'9" total height with mixer. 4" inlet/outlet. 3" stainless connecting pipes to allow for bypass and interconnection. U-1 form available. Weight empty is 3,115 pounds. These units are priced and only sold as a pair - includes all valves and manifolds. Available on or after mid 2016	2000	Kingston, Jamaica
H119	Rotary Valve Airlock	Kice	Kice rotary airlock. NEW. Model VJ 20 x 15 x 15. RA# 9175. Built by Rotary Airlock LLC in 2012. Max temp 120F. Radial clearance .005 to .008. Axial clearance .005 to .008	2012	Grant City, MO
H118	Rotary Valve Airlock	Rotary Airlock, LLC	Rotary valve airlock built by Rotary Airlock, LLC in 2006. S/N 5461. Size 12x12. Cold clearance .005 to .006. Max temp 120F. Hot clearance .002 to .004 NEW	2006	Grant City, MO
H2017	RTO Blower Fan Wheel		Spare used fan for item K-675 CECO regenerative thermal oxidizer. RTO FAN CW ROTATION 4-7/16" SHRINK BORE FIT Part number 33646. Part of RTO - not sold separately		Hastings, NE

Asset	Name	Manufacturer	Description	Built	Location
7145	Scraped Surface Heat Exchanger	Votator	Cherry Burrell Votator Scraped Surface Heat Exchanger 6x72 single barrel - Reconditioned. S/N 3455353. Direct Driven by 20HP motor, 1755 rpm/230 rpm out. All wetted surfaces are stainless steel 304, barrel is Chromium plated Nickel. Has 4 rows of ss blades (24 total). MAWP shell 250 psig at 375F/-20F, jacket 150 psig at 375F/-20F. Heat exchange surface area 9 cu ft. Gear reducer Reynold ser No. 3455353, size 5. ratio 7.63:1, output 230 rpm. Volume in tube (product) 880 cu in, volume in jacket 1080 cu in. Physical weight of cylinder & tube is 1100 pounds. Total weight with frame & motor is approx 2500 pounds. Price includes removal, reconditioning, & loading on your truck This unit will be reconditioned - cleaned, painted, inspected, new seal, new bearings - 3 month guarantee material and workmanship. New blades and barrel re-chrome are extra options		Grant City, MO
FP147	Screw	Metso	Screw for Metso screw plug feeder (Asset ID 11-AG-148). NEW - spare		Soperton, GA
21-P-264A	Scrubber Recirc Pumps		40 HP; 1800 RPM; Rated head: 145 psi; 250 gpm flow; 304SS		Soperton, GA
21-P-264B	Scrubber Recirc Pumps		40 HP; 1800 RPM; Rated head: 145 psi; 250 gpm flow; 304SS		Soperton, GA
41-V-192	Scrubber Vessel	Precision Pipe & Vessel	Suction scrubber with demister pads. Mfg by Precision Pipe & Vessel in 2009 - like new. ASME MAWP 1650 internal/15 psig external at 250F. Nat'l Bd 880, serial CV-0881. Material 304LSS/CS. Physical size 42"dia x 8'10" for 92.2 cf or 635 gallons Includes mist eliminator, Armistco mist eliminator. MAWP 1650/FV at 250F. Last used as Synloop Compressor Suction Scrubber, part of FP414	2009	Soperton, GA
31-V-180	Separator Vessel	Precision Pipe & Vessel	Separator vessel. ASME MAWP 800/FV at 250F, Nat'l Bd# 877, s/n CV-0505?. Manufactured by Precision Pipe & Vessel (PPV) in 2009 - ran only 42 days - like new. Used for chilled Syngas separation on Module fp311	2009	Soperton, GA
41-V-184	Separator Vessel	Precision Pipe & Vessel	High Pressure Separator built by Precision Pipe & Vessel in 2009. ASME MAWP 1650 psig/FV at 250F. SA516-70N. Includes mist eliminator, Koch-Glitsch mist eliminator. Rated for 1650 psig/Fv at 250F. Separator physical size 42" dia x 8'-10" for 92.2 cf. (Part of module fp214)	2009	Soperton, GA
41-V-188	Separator Vessel	Precision Pipe & Vessel	Separator vessel built by Precision Pipe & Vessel in 2009. ASME MAWP 200 psig/FV at 250F. Nat'l Bd# 876, sn CV-0880. Material SA-106. Physical size 24"dia x 10'9" for 33cf or 250 gallons. Includes mist eliminator, Koch-Glitsch mist eliminator. Rated for 1650 psig/Fv at 250F. Material 304LSS/CSLast used for Low Pressure Separator. (Part of module fp414)	2009	Soperton, GA
41-V-630	Steam Blowdown Drum	PPV Precision Pipe & Vessel	Steam drum manufactured by Precision Pipe & Vessel in 2009. ASME MAWP 150 psig/FV at 550F, Nat'l Bd# 893, s/n CV-0893. Material is SA312-TP347. Physical size is 24"dia x 8'-6" s/s, OAH 11'-10" for capacity of 185 gallons. Used as a steam blowdown drum	2009	Soperton, GA
41-V-180	Steam Drum	Nebraska Boiler	Steam drum by Nebraska Boiler, built 2009. Horizontal, ASME Nat'l Bd# 877, MAWP 800 psig/FV at 350F, Stainless steel SA-312-304. Physical size 42" dia x 120" s/s x 0.5" shell (11'-3" OAL) for 107cf or 720 gallons. Used as Catalytic Converter steam drum. Part of Catalytic Converter module FP411 - not sold separately.	2009	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
41-V-196	Sulfur Guard Bed Vessel	PPV Precision Pipe & Vessel	Sulfur guard bed vertical vessel. ASME Nat'l Bd 897, MAWP 1650 at 550F, s/n CV-0891 . Mfg by Precision Pipe & Vessel in 2009 - used only 42 days - like new. Material is carbon steel SA-516 70N. Physical size is 4' dia x 14'-4" s/s, approx 23 ft OAH for a capacity of 1410 gallons. Loaded with Haldor Topsoe HTZ-4 sulphur absorption catalyst.	2009	Soperton, GA
41-T-604	Surge Tank	TESA	Surge Tank. Physical size 12"x12"x72" tall for a capacity of 42 gallons. Material carbon steel. Part of Synloop compressor 41-K-140, not sold separately	2009	Soperton, GA
C761	Thin Film Evaporator Dryer	Cherry Burrell	Cherry Burrell thin film dryer, Model 24-144. Scraped wall, wiped film evaporator, Heat transfer area is 71 sq ft. All contact surfaces are 304 stainless steel. Two section dryer designed for steam in jacketed shell. Drive motor 25 HP at top. ASME NB # 1060, Mfg sn # A4688 36060EA. MAWP shell F.V. at 400F, jacket 150 psig at 400F. Does not include vacuum system. Physical size 24" dia x 144" tall for OAH 228 inches. Weight empty 10,200 pounds. Removed and ready to load - price includes loading on your truck. We can recondition for you to manufacturers specs for additional.	1988	Jacksonville, IL
7111	Thin Film Evaporator Dryer	Cherry Burrell	Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Scraped surface area 106 sq ft. Model 36-144, S/N 90294EA, Mfg # A5184. All contact surfaces are 304 stainless steel. Has 2 sections, designed for steam in jacket. ASME MAWP shell FV at 400F, jacket 150 psig at 400F. Nat'l Bd# 1184. Driven by 40 HP motor 1182 rpm in/260 rpm at dryer. Physical size 36" dia x 144" tall for 252 inches OAH. Weight of dryer only empty 13,200 pounds. Dryer includes 2 stage steam ejector vacuum system. We can offer a dryer package with steam ejector vacuum system, feed pump, and discharge pump (see asset 7122). Equipment has been removed and is ready to load on your truck - price includes removal & loading. We can also offer in reconditioned state.	1991	Ft Worth, TX
7112	Thin Film Evaporator Dryer	Cherry Burrell	Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Scraped surface area 106 sq ft. Model 36-144, serial 35463EA, mfg number A4128. All contact surfaces are 304 stainless steel. Has 2 sections, designed for steam in jacket. ASME MAWP shell FV at 400F, jacket 150 psig at 400F. Nat'l Bd# 925. Includes Nash Kinema 2-stage steam ejector vacuum system. Driven by 40 HP motor 1182 rpm in/260 rpm at dryer. Physical size 36" dia x 144" tall for 252 inches OAH. Weight of dryer only empty 13,200 pounds. We can offer a dryer package with steam ejector vacuum system, feed pump, and discharge pump (see asset 7122). Equipment has been removed and is ready to load on your truck - price includes removal & loading. We can also offer in reconditioned state.	1984	Ft Worth, TX
7135	Thin Film Evaporator Dryer	Votator	Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Scraped surface area 106 sq ft. Model 36-144, S/N 35465EA, Mfg # A4154. All contact surfaces are 304 stainless steel. Has 2 sections, designed for steam in jacket. ASME MAWP shell FV at 400F, jacket 150 psig at 400F. Nat'l Bd# 927. Belt Driven by 40 HP motor 1182 rpm in/260 rpm at dryer (missing motor). Physical size 36" dia x 144" tall for 252 inches OAH. Weight of dryer only empty 13,200 pounds. Equipment has been removed and is ready to load on your truck - price includes removal & loading. We can also offer in reconditioned state.	1984	Grant City, MO

Asset	Name	Manufacturer	Description	Built	Location
7141	Thin Film Evaporator Dryer	Votator	Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Serial no. A4156. Scraped surface area 106 sq ft. Model 36-144. All contact surfaces are 304 stainless steel. Has 2 sections, designed for steam in jacket. ASME National Board # 929., ASME MAWP shell FV at 400F, jacket 150 psig at 400F. Direct Driven through a Nord 6.74:1 gear reducer by 40 HP motor 1182 rpm in/260 rpm at dryer. Has a standard mechanical seal. Physical size 36" dia x 144" tall for 252 inches OAH. Weight of dryer only empty 13,200 pounds. Equipment has been removed and is ready to load on your truck - price includes removal & loading. We can also offer in reconditioned state.	1984	Grant City, MO
7174	Vacuum Steam Ejector	Kinema	Kinema 2-stage steam ejector vacuum system. New - not used. Master serial number 8633562. Includes "W" booster ejector, "1" barometric condenser, and "X" secondary ejector.	1986	Vernon, CA
7114	Vacuum System	Gardner Nash Kinema	2 Stage steam ejector vacuum system. Gardner Nash Kinema Master Serial number 844042: barometric condenser PY, 1st stage steam ejector Y, intercondenser YZ, and 2nd stage steam ejector Z. Gardner Nash Kinema project #1961499, sales order# 1407528. Last used with a thin film dryer. System removed and ready to load.		Ft Worth, TX
7115	Vacuum System	Nash Kinema	2 Stage steam ejector vacuum system. Nash Kinema Master serial # 844402, serial number for the set 9104082. Barometric condenser PY, 1st stage steam ejector Y, intercondenser YZ, 2nd stage steam ejector Z. Last used with a thin film dryer - removed and ready to load.		Ft Worth, TX
K-1651	Vapor Compressor (MVR)	AC Compressor Corp	MVR Gas compressor built by AC Compressor Corporation. Model D24JR. Single stage centrifugal compressor with Buffer/Educt labyrinth shaft seals. S/N 1634-11461. Rated speed: 6012 RPM. Inlet volume: 49,375 ACFM, temperature: 217F, pressure: 15 PSIA. Discharge pressure: 22.9 PSIA. Includes 2000 HP Reliance squirrel cage induction electric motor, 1800rpm, 4000V/249A/60Hz/3 phase. Removed, ready to load on your truck		Grant City, MO

Pump

43 Items

7137G	Centrifugal Pump		Centrifugal pump with Baldor Super-E Cat. No EM3771T, Spec 07H02W279, Frame 215T, 10 TE HP, sn F999, Volts 230/46, 23.8/11.9 Amps, 3525 RPM, 60 Hz, 3 phase		Grant City, MO
7139B	Centrifugal Pump	Durco	Durco centrifugal pump. Size 2K 3x1.5-10/96. Serial 405665. Includes 50HP Marathon electric motor @ 3515 RPM. 230/460V, 116/80A.		Grant City, MO
7137B	Centrifugal Pump	Durco	Durco Centrifugal pump; Baldor Industrial Motor 14106T 09S93H645, 256T, 230/460		Grant City, MO
7137C	Centrifugal Pump	Durco Flowserve	Flowserve Corporation Durco Mark III Pump, Equipment No. PUR-147A, Size: 1K1.5X1-62/62RY,1.5x1; D4 Alloy, Base 145, MDP 275; Serial No 468523. Baldor Super-E Cat. No EM3769T, Spec 07H02W280; Frame 213T, 7.5 TE HP, sn F899, Volts 230/460, 17.2/8.6 Amps, 3525 RPM, 60Hz, 3 phase. Capacity Approx 50 to 100 gpm at 100 to 50 ft TDH		Grant City, MO

Asset	Name	Manufacturer	Description	Built	Location
7137D	Centrifugal Pump	Durco Flowserve	Flowserve Corporation Durco Mark III Pump, Equipment No. PUR-147B, Size 1K1.5X1-62/62RY, 1.5x1, Alloy D4, Base 148, MDP 275, Serial No 468524; Baldor Super E Cat. No EM3769T, Spec 07H02W280; Frame 213T, 7.5 HP TEFC, sn F899, Volts 230/460, 17.2/8.6 Amps, 3525 RPM, 60 Hz, 3 phase Capacity Approx 50 to 100 gpm at 100 to 50 ft TDH		Grant City, MO
7137E	Centrifugal Pump	Durco Flowserve	Flowserve Corporation Durco Mark III Pump, Equipment No. PUR-141, Size 1K3X2-62/45RY, D4 Alloy, Base 148, MDP 275, Serial No. 468516; Baldor Super-E Cat. No. EM3769T, Spec 07H02W280, Frame 213T, 7.5 TE HP, sn F899, Volts 230/460, 17.2/18.6 Amps; 3525 RPM, 3 phase Capacity Approx 100 to 300 gpm at 100 to 50 ft TDH		Grant City, MO
7137F	Centrifugal Pump	Durco Flowserve	Flowserve Corporation Durco Mark III Pump, Equipment NO. PUR-157A, Size 1K3X2-62/56RV, D4 Alloy, Base 148, MDP 275, Serial No. 468525; Baldor Super-E Cat. No. EM3771V, Spec 07H02V279, Frame 215T, 10 TE HP, sn F999, 230/460 volts, 23.8/11.9 amps, 3525 RPM, 60 Hz, 3 Phase Capacity Approx 100 to 300 gpm at 100 to 50 ft TDH		Grant City, MO
7096	Centrifugal Pump	Goulds	Goulds centrifugal pump. Model 3196 ST. 7.5 HP Motor @ 3530 RPM. Size 1x1.5-8. 100 GPM Capacity. 5.8" impeller diameter.		Ft Worth, TX
7097	Centrifugal Pump	Goulds	Goulds centrifugal pump. Model 3196 ST, S/N 439660. 7.5 HP Motor @ 3530 RPM. Size 1x1.5-8 (1K1.5x1-82/64RV). 100 GPM Capacity. 5.8" impeller diameter.		Ft Worth, TX
7098	Centrifugal Pump	Goulds	Goulds centrifugal pump. Model 3196 ST, S/N 731F504Y3. 7.5 HP Motor @ 3530 RPM. Size 1x1.5-8. 100 GPM Capacity. 5.8" impeller diameter.		Ft Worth, TX
7137A	Centrifugal Pump	Summit	Summit centrifugal pump. Model 2196. Size 3X4-13. Includes 40HP Baldor electric motor @ 1760 RPM. 230/460V. Price includes loading on your truck		Grant City, MO
41-P-612	Compressor Lube Utility Pump		Compressor Lube Utility Pump. Wilden 1" air driven. Part of Compressor 41-K-140, not sold separately	2009	Soperton, GA
41-P-608	Compressor Pre Lube Pump		Compressor Pre Lube Pump. 21.5 gpm. Part of Compressor 41-K-140, not sold separately	2009	Soperton, GA
41-M-608	Compressor Pre Lube Pump Motor		Compressor Pre Lube Pump Motor. Motor 3HP. Part of Compressor 41-K-140, not sold separately	2009	Soperton, GA
J1142	Gear Pump	Desmi Rotan	Desmi Rotan internal general purpose gear pump - NEW. Model GP 26 ERM. 1" inlet/outlet, inline. Monoblock cast iron with only 2 moving parts plus mechanical seal. Driven by ABB motor direct coupled 0.65KW (0.85 HP). 460/3/60. This is an internal gear pump that can pump in either direction.		Jacksonville, IL
4617	Metering Pump Bran & Luebbe	Bran & Luebbe Pump	Bran & Luebbe 3 Head Metering/Proportioning Pump, Type VE-P33, S/N A10507. Driven By 1 HP 3/60/208-230-460 Volt "Wash Down" Motor. Mounted On Stainless Steel Portable Base With Casters and motor starter. Three cylinders driven by common motor and shaft - infinitely variable manual adjustments on each cylinder from 0 to 100% of capacity - can be performed while in operation. Designed for 24 hour continuous service. All wetted parts 316SS, sanitary stainless dairy fittings. Was last used for margarine mixing system. Has 30mm plunger, 1/2 inch connections, running at 120 strokes/min - rated output capacity max is 26.35 gph PER plunger head for a total of 79 gph at pressures up to 305 psig.		Ft Worth, TX

Asset	Name	Manufacturer	Description	Built	Location
31-P-240B	Multistage Pump	Sulzer	Sulzer Multistage Pump. Complete pump, motor, base, coupling set. Designed for 197 gpm at 1,376 TDH at 70F. Siemens 125HP motor SN E09T0042NPX 001 , Amps 138, rpm 3575, Frame 444TS 460/3/60. Used as solvent booster pump	2009	Soperton, GA
FP132	Multistage Pump	Sulzer	Sulzer pump, New in crate. Sulzer multistage pump size 3"x1-1/2", model CPT 24-1B designed for 212 gpm at 551 TDH. Used as Lean Solvent Pump		Soperton, GA
5543	Positive Displacement Pump	Viking	Viking Positive Displacement Gear Pump 2x2. Serial # 10982038. Model L124A. Includes pump, gear unit, 10HP motor, and bedplate. Has 2 inch ports, mechanical seal, and was sized for 135 gpm at 640 rpm. Max pressure is 200 psig. This pump was used on edible food products at Sara Lee Plant for only two months.		Ft Worth, TX
7099	Positive Displacement Pump	Viking	Viking 5 HP positive displacement pump. Model L125, S/N 10480830. L125 is rated up to 135 gpm. Was running at 9-18 GPM with gearbox at 90 psig. 1740 motor RPM. 2" inlet/outlet.		Ft Worth, TX
7100	Positive Displacement Pump	Viking	Viking positive displacement pump. Model LQ125, S/N 10622299. LQ125 is rated up to 135 gpm. Was running at 9-18 GPM with gearbox at 90 psig. Driven by 5HP motor at 1740 rpm. 2.5" inlet/outlet.		Ft Worth, TX
7101	Positive Displacement Pump	Viking	Viking 5 HP positive displacement pump. Model KK4125, S/N 2399751. KK4125 is rated up to 100 gpm. Was running at 9-18 GPM with gearbox at 90 psig. 1740 motor RPM. 2" inlet/outlet.		Ft Worth, TX
7102	Positive Displacement Pump	Viking	Viking 5 HP positive displacement pump. Model LQ125, S/N 11340213. LQ125 is rated up to 135 gpm. Was running at 9-18 GPM with gearbox at 90 psig. 1740 motor RPM. 2.5" inlet/outlet.		Ft Worth, TX
7103	Positive Displacement Pump	Viking	Viking positive displacement pump. Model KK4125, S/N 10124005. KK4125 is rated up to 100 gpm. Was running at 3-18 GPM with gearbox. Driven by 7.5HP motor at 1750 rpm. 2" inlet/outlet.		Ft Worth, TX
7104	Positive Displacement Pump	Viking	Viking 5 HP positive displacement pump. Model LL124A, S/N 11968660. LL124 is rated up to 140 gpm. Was running at 3-18 GPM with gearbox 1740 Motor RPM. 3" inlet/outlet.		Ft Worth, TX
7105	Positive Displacement Pump	Viking	Viking 7.5 HP positive displacement pump. Model LL4124A, S/N 12007308. 3-18 GPM, 1760 motor RPM. 3" inlet/outlet. Viking 7.5 HP positive displacement pump with mechanical seal, integral relief valve and gear box . Includes 7.5 HP motor, 460V/3/60 1760 RMP with baseplate and guard. LL4124 is rated up to 140 gpm. Was running at 3-18 GPM. Was in working condition when idled in mid 2013.		Ft Worth, TX
7106	Positive Displacement Pump	Viking	Viking 7.5 HP positive displacement pump with mechanical seal, integral relief valve and gear box . Model LL4124A, S/N 12037695. Includes 7.5 HP motor, 460V/3/60 1760 RMP with baseplate and guard. LL4124 is rated up to 140 gpm. 3" inlet/outlet. Was running at 3-18 GPM. Was in working condition when idled in mid 2013.		Ft Worth, TX
7139G	Positive Displacement Pump	Viking	Viking Pump Model LS127A, Serial No. 11490439, Size 3x3, rated to 200 gpm, S/S, Nominal flow of 160 gpm		Grant City, MO
7139H	Positive Displacement Pump	Viking	Viking Pump Model LS127A, Serial No. 11082161, 3x3, S/S, Nominal flow of 160 gpm		Grant City, MO

Asset	Name	Manufacturer	Description	Built	Location
7139I	Positive Displacement Pump	Viking	Viking Pump Model LQ4124R, Serial No. 1702284, Size is 2.5" inlet x 2.5" outlet, cast iron body with mechanical seal. Includes integral relief valve in head, Has gear unit. Nominal flow of 135 gpm,. Approx 125 gpm		Grant City, MO
7137H	Positive Displacement Pump	Viking	Viking Pump Model H124A, Serial # 11417148, 1.5 x 1.5; Falk Ultramite Model 03VCBN2AA3.2N1, S/N 4740023, Date 09/97, Ratio 3.2, Lube 6E, Input rating 3.24 HP @ 1750 RPM; Reliance Electric XE Premium Efficient Volts 230/460, 60 Hz, Cont. Duty, RPM 1755, 3 HP Approx 15 gpm		Grant City, MO
7301	Positive Displacement Pump	Viking	Viking Positive Displacement pump - Size 6x6. Model QS4124A, Serial # 12036781. rated to 500 GPM @ 520 RPM. Bare pump with mechanical seal. No relief valve or motor. Approx. physical weight 540 pounds. This pump is new.		Chattanooga, TN
S1502B	Pump	Little Giant Pump Co.	Little Giant electric pump. Model 977460. 1/10HP. 115V, 50/60Hz, 1.75A, 178 watts. 2700/3200 RPM.		Jacksonville, IL
J1143	Pump	Smedegaard	Smedegaard in-line glanded pump, bronze construction - NEW. Model Omega 3-80-2Z. 60 Hz. .25kw		Jacksonville, IL
7412	Pump, Split Case	Worthington	Worthington Split case pump. Model 5LN522. Size is 8" x 5" - 22" Impeller, epoxy lined. These pumps have been rebuilt and never were used after rebuild. They were back up fire pumps, so they are high head. Rebuilt by HydroAire Services job # 6082-12-11-11. Note Worthington pumps are now backed by Flowserve. Bare pump only - Quantity (2) available - priced separately.		Illinois
6574	Split Case Pump	Aurora	Aurora Pump 8" split case centrifugal water pump. No. 91-10426, Type 411 SF. Size 8x8x11B. 2000 GPM. 120 Ft. head. 1750 RPM. Powered by a 75 HP General Electric motor. Model 5K365BL21502, S/N R66141250. 1780 RPM. 230/460V, 3 Ph., 60Hz, 175/88A.	1991	Grant City, MO
21-P-340A	Trash Pump	Gorman-Rupp	Gorman-Rupp 4x4 self priming centrifugal pump - almost new, ran only 42 days. Model U4A60S-B, includes 7.5HP explosion proof motor - all mounted on base with coupling guard. Built 2010. Pump is ductile iron with 6 vane ductile iron impeller, designed for 300 gpm at 36.5 ft TDH (impeller trimmed to 9.5"). Motor is 7.5HP X-proof, 1200 rpm 3/60/230-480v 1.15 sf. Max operating pressure 128 psi, max solids 1-1/8" dia, max temp 160F. Approx shipping wt. is 1,350 lbs.	2010	Soperton, GA
21-P-340B	Trash Pump	Gorman-Rupp	Gorman-Rupp 4x4 self priming centrifugal pump - almost new, ran only 42 days. Model U4A60S-B, includes 7.5HP explosion proof motor - all mounted on base with coupling guard. Built 2010. Pump is ductile iron with 6 vane ductile iron impeller, designed for 300 gpm at 36.5 ft TDH (impeller trimmed to 9.5"). Motor is 7.5HP X-proof, 1200 rpm 3/60/230-480v 1.15 sf. Max operating pressure 128 psi, max solids 1-1/8" dia, max temp 160F. Approx shipping wt. is 1,350 lbs.	2010	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
7413	Triplex Plunger Pump, High-Pressure	Woma	Woma High-Pressure Plunger Pump. Type 1502-P20, s/n 0D116061099. Rated at 10.6 gpm (40 l/min). Does not include motor but motor size would be 55 KW (75HP). This is an 02 series line of pumps which meets ATEX and API standards. The lower speed of this pump assures reliability. Features gear box cooling, and an auxiliary shaft if a second pump is to be added. Max. operating pressure 10,875 PSI, Inlet pressure required 30-75 PSI, nominal flow rate 12.7-17.7 USG. (1800 rev./min at 3.69m hd) Motor shaft dia 50mm, plunger shaft diameter is 20mm. This type and brand of pump is very popular in high pressure water jet systems and used in other water tool applications. Pump was reconditioned in 2004 - stored in warehouse controlled environment since then. Approx physical 319 kg. We have the spec sheet from the Woma dealer. They have confirmed that parts and service are still available for this model and are supported. They do still make this pump style 1502 but have not offered it under the plunger size of under 26 since 2009.		Illinois
P-4300C	Vertical Turbine Pump	Goulds	Goulds Vertical turbine cooling tower pump. 3 stage design. Model VIT-FFFM 16 x 20GHC. 16" discharge x 134 inches total pump length. Installed in 2009. Designed for 7,000 GPM @ 186' head. With 400 HP US Motor electric motor type VHS. 4160V, 52A, 60Hz, 3 phase, 1180 RPM. 134" total pump length.	2009	Grant City, MO
P-4300D	Vertical Turbine Pump	Johnston	Vertical turbine cooling tower pump. 3 stage design. With 150 HP US Electric Motor. 460V, 167A, 60Hz, 1785 RPM. Built 2003	2003	Grant City, MO
P-4300A	Vertical Turbine Pump	Worthington	Worthington QL double suction vertical turbine cooling tower pump. Model 12QL147. 3 stage design with 16 inch discharge. Designed for 7,000 GPM @ 167' head. With 400 HP Siemens-Allis motor. 4000V, 52.8A, 60Hz, 3 phase, 1780 RPM. Pump and motor rebuilt in 2009.	2009	Grant City, MO
P-4300B	Vertical Turbine Pump	Worthington	Worthington QL double suction vertical turbine cooling tower pump. Model 12QL147. 3 stage design with 16 inch discharge. Designed for 7,000 GPM @ 167' head. With 400 HP Siemens-Allis motor. 4000V, 52.8A, 60Hz, 3 phase, 1780 RPM	1985	Grant City, MO

Refrigeration

5 Items

7298	Chiller 130 Ton	Trane	Trane helical rotary chiller - self-contained unit with condensers. 130 Ton Capacity water cooled chiller Series R Centrivac Model number RTHB130FLBOONW20TOUNN2LF2LFVOGU, S/N U94K04062. (See Nomenclature Link for explanation of model number) Standard length shell. Pulls 143 amps, 460 volts, 60 Hz, 3 phase approx 150 HP). Motor and control panel included. Charge is 355 pounds of freon R-22 (not included). Includes direct drive motor. Physical size 8ft-10" long x 5' 4" tall x 2' 10" wide. Weight is approx 5,375 pounds + shipping skid or crate. This unit is used - there is a leak in one of the tubes in one of the heat exchangers; will have to be plugged.		Chattanooga, TN
7438	Chiller 277 Ton	Trane	Trane Chiller Model RTHD Helical Rotary Chiller. Water cooled, Refrigerant 134a. Two pass evaporator and condenser. Motor 223 kw 460/3/60. Includes Wye-Delta Starter. Control panel is microprocessor based with touch screen. Pressure vessels built to and stamped ASME. Evaporator fluid ethylene glycol. Physical weight 16,820 pounds. Removed, in warehouse - Ready to ship. Price includes loading. In Service 2007, removed 2012. Was in good working condition when removed. (Photo is representative, not actual)	2006	Erie, PA

Asset	Name	Manufacturer	Description	Built	Location
31-Z-204	Refrigeration Compressor Skid	Industrial Refrigeration Systems	Refrigeration system with Frick 140 ton rotary screw ammonia (R717) compressor with a capacity of 1.68 MMBTU/hr of Syngas at a flow of 101,940 #/hr 46/13F. Motor 250HP 3500rpm 460v/3/60. ASME rated at 450/FV at 350F. Frick ammonia compressor model RXF-101-H, s/n 10240E92525967 with liquid injection cooling. Includes Quantum LX control panel. Water cooled ammonia condensing unit uses 750 gpm water. Includes Evaporator, Condenser, Receiver on skid, auxiliary instruments attached to equipment, structure. Built by Industrial Refrigeration Systems in Aug 2009. Last used for solvent cooling with ammonia in syngas process. Like new - only ran 42 days. Shut down in Jan 2011. Still installed - price does not include removal. For components - enter Z204 in search box	2009	Soperton, GA
6631	Refrigeration Suction Regulator Valve	Parker	Parker Suction Regulator A4ADP, Brand New. Includes 100731 - Parker Refrigerating Specialties 1-5/8" opening A4ADP 27 Bar 400 PSIG Dual pressure regulator Fluid Temp range is -50 to 220F, 205209 - Parker Industrial Refrigeration Solenoid Coil 120Volt, 60 Hz 300020 - (Qty. 2) Flange Size No. 50 port 301577 - (Qty. 2) Gasket 2.540 I.D., 3.250 O.D. 201604 - Bolt Package Flange Also: S6A Pilot Solenoid Valve attached -2 available, priced separately		Jacksonville, IL
5598	Water Chiller 260 ton	McQuay	Water Chiller. Built by McQuay. Used, in good condition. 260 ton nominal capacity. Model # PEH063-CBA C. Chiller has self-contained single compressor hermetic chiller. The control panel has a Microtech micro-processor. Motor is 460/60/3 (Approx 300HP). This unit uses refrigerant 134A and has 22,190 hours logged with 2331 starts. All service records and manuals are available. Chiller was taken out of service 2010 and stored in protected warehouse - removed and ready for loading. Price includes loading on your truck.		Ft Worth, TX
Spare Parts			3 Items		
FP143	Box of compressor parts & tools (2)		Lo Rez (2 boxes) compressor parts and tools. Part of compressors - not sold separately		Soperton, GA
FP135	Gaskets for HEX		Gaskets for Koch Heat exchangers. Part of Koch heat exchangers - not for sale separately		Soperton, GA
FP144	Refrigeration skid parts		Approximately 10 boxes of Refrigeration. Parts for refrigeration skid 31-Z-204, not sold separately		Soperton, GA
System			16 Items		
FP311	Absorber & Gas CleanUp Module		Syngas and absorber gas cleanup modules - from Syngas quench output. Includes absorber module, solvent recirculation & cooling system and heat exchangers, and Frick refrigeration system. Designed for SynGas flow at 101,940 #/hr and solvent system cools 1.68 MMBTU/hr. This complete system is like new - built in 2009 but only ran 42 days. For a complete list of components & photos of this FP311 module - enter fp311 in the search terms box. For complete methanol system, please enter fp100. Mass balances available.	2009	Soperton, GA
FP414	Alcohol Cooling & Separation Module		Alcohol cooling module and separator vessels. For a list of all components enter fp414 in search terms box. Part of Methanol Plant FP100	2009	Soperton, GA

Asset	Name	Manufacturer	Description	Built	Location
FP41	Catalytic Conversion System - SynGas		Catalytic conversion of syngas to alcohols. Includes catalytic converter 41-R-168 designed for 3.9 MMBTU/hr, slipstream system partial, Synloop compressor at 1650 psig at 600HP, interconnecting piping and instruments. Catalytic converter currently loaded with methanol catalyst. Equipment was installed in 2009 - only ran 42 days. Like New. Includes modules 411 Alcohol synthesis, 413 Syngas conditioning, 414 Alcohol cooling & separation, 415 Synloop compression, 416 Slipstream (partial). Part of Methanol Plant asset number fp100	2009	Soperton, GA
FP411	Catalytic Converter Module		Alcohol synthesis and HP steam system - Syngas catalytic converter module with converter, steam drum, structural steel, and all instruments. Loaded with conventional methanol catalyst currently. Includes structure, all piping, all auxiliary instruments attached to module. Still installed - price does not include removal. For a list of all components enter fp411 in search terms box.		Soperton, GA
7430	Crush System 250 MTPD High Oil Content		250 MTPD Crush System - High Oil Content This includes a combination of new and rebuilt equipment. -Three (3) New Clipper Series Titan model 44 two decks design seed cleaners with vibratory feeder and high static centrifugal blower including 15 Hp motor each. -Two (2) New Ferrell Ross Series Industrial model 12x52 single HI cracking mills with roll feeder and 75 Hp motor each. -Five (5) Rebuilt Anderson Steam Jacketed Vessels model 36x12 horizontal cooker/dryers with screw feeder and main agitator shaft with 10 Hp motor each. -Five (5) New Anderson 8" Dox-Hivex Expanders completes with screw feeder, 33" long drainage cage and 200 Hp motor each. -Five (5) Rebuilt Anderson 55" Duo Expeller Presses completes with screw feeder, 15 Hp vertical gearhead motor, 75 Hp main horizontal motor, integral main worm shaft and 55" long drainage cage. -One (1) New Anderson N°20 Special Oil Screening Tank complete with wedge wire screen, drag conveyor with plates and product oil pump. -Two (2) Rebuilt Industrial model "D" Series 60-4-16 Pressure Leaf Filters with all Stainless Steel 5-Ply filter elements, hydraulic power-pack, controls, A-frame and beams. -Two (2) Rebuilt Rosedale model model 16" vertical polishing filter 2-bag design with 1 micron filter media. -One (1) Rebuilt Geelen model VK24x24KM Counterflow Cake Cooler complete with 40 Hp motor fan and process cyclone with rotary airlock valve. -One (1) Rebuilt Champion model 38x32 Hammer mill complete with 125 Hp motor, balanced rotor suspended over heavy duty roller bearings and new hammers/screens. -One (1) New Williams & Davis Firetube Steam Boiler for 100 BHP @ 150 PSIG with nat-gas fueled burner. -Delivery: 24-28 weeks.		Ft. Worth, TX

Asset	Name	Manufacturer	Description	Built	Location
7178	Deodorizer System 150 MTPD	Girdler	Deodorizer partial system manufactured by Girdler. These are the main parts only - not a complete system. Includes Girdler 6-tray deodorizing system with cs shell/ss trays and drop valves, stainless steel scrubber with integral heat exchanger for free fatty acid capture mfg by Elliott, a 2-stage Kinema steam ejector system (new), and a 4MMBTU Dowtherm vaporizer. Deodorizer was originally rated for 13,250 #/hr but can be upgraded to 20,000 #/hr approx by adding more steam ejectors. System is removed and ready to load. No controls or automation. For components, enter cpdeod in search box	1986	Vernon, CA
4560	Filling Line Margarine	Margarine Filling	Complete margarine packaging line designed to fill bag in box sizes from 10 pounds to 50 pounds. Includes case erector, bag inserter, dual head load cell filler and controller, case sealer, metal detector, Kronos Cartina labeler, Marsh case code dater and all interconnecting stainless steel case conveyor. NOTE: Detailed Descriptions of each of these are listed separately. Enter pmarg in search box.	1985	Mexico
FP31	Gas Cleanup & Compression - SynGas		Syngas Absorber, cleanup, and compression after Quench. Includes absorber column item 31-C-196, two 1750HP compressors to compress up to 1650 psig, rich solvent and lean solvent handling systems, refrigeration skid with 140T Frick. And interconnecting piping and instruments. Equipment was installed in 2009 - only ran 42 days. Like New. Includes modules 311 Gas Cleanup, 314 Booster Compression 1-2, 315 Booster Compression 3-4. Part of Methanol Plant asset number fp100	2009	Soperton, GA
FP315	Gas Compressor Module 1750 HP	Toromont White Superior	Gas Compressor module - 2 stage White Superior reciprocating compressor, 2 cylinder. Rated 2500 MAWP psig at 300F, 1750HP motor, dampener bottles, and all accessories included on skid. Includes Reliance rebuilt motor Frame 9240, Volts 4160, Type P, RPM 895, HP 1750. Plus 3 heat exchangers, separator vessels, coalescing filters, and more. Rebuilt and tested in 2009 - ran 42 days - like new. Complete skid packaged by Toromont. Last used as SynGas compressor at 14,475 #/hr at 1650 psig. See asset ID 31-K-216 for compressor description, For a list of all components enter fp315 in search terms box.		Soperton, GA
FP314	Gas Compressor Module 1750HP	Toromont White Superior	Gas Compressor module - 2 stage White Superior reciprocating compressor, 2 cylinder. Rated 300 psig at 300F, 1750HP motor, dampener bottles, and all accessories included on skid. 1st & 2nd stage. Plus 3 heat exchangers, separator vessels, coalescing filters, and more. Last used as SynGas compressor at 14,475 #/hr at 425 MAWP. See asset ID 31-K-120 for compressor description, For a list of all components enter fp314 in search terms box.		Soperton, GA
7094	Lecithin Degumming 10 TPD (partial)		Lecithin & Degumming System (partial). Capacity 10 tons per day (TPD). Available immediately - we have two "trains" or packages (systems) containing the major pieces for a lecithin/de gumming system. Package includes thin film dryer set Cherry Burrell with vacuum system, lecithin cooler Votator 6x72 scraped wall exchanger, oil vacuum dryer with 2 stage vacuum system, Industrial Filter 60-4-24 600sf with stainless leaves, and 4 pumps. See the schematic PFD. There are 2 of these systems - priced separately. For a detailed list of all components in both sets enter "degum" in the search box.	1988	Ft Worth, TX
7292	Regenerative Thermal Oxidizer (RTO)	Anguil Environmental System	Anguil Environmental System Model 400 Regenerative Thermal Oxidizer 42,000 SCFM. 480VAC/3PH/60HZ. Natural gas fired - usage 11,000 CFH Natural Gas 10 CFM @ 80 PSI Compressed Air. Built 2007 - still installed	2007	Upstate, NY

Asset	Name	Manufacturer	Description	Built	Location
K-675	Regenerative Thermal Oxidizer (RTO)	CECO	Regenerative Thermal Oxidizer (RTO) built by CECO in 2006. Stainless steel chambers. Originally designed for 83,070 scfm - this partial RTO has 3 chambers left and can handle approx 40,000 scfm. System is offered with 3 ss chambers, MCC's, VFD, ducting. Includes main process induced draft fan 400HP 1185 rpm 480 V 60 Hz with VFD, and Inlet & outlet manifold. Converts noxious fumes containing organic solvents, hydrocarbons, and odors to water vapor and carbon dioxide through thermal oxidation. Designed for 1 second of retention time at 1500F to completely oxidize any VOC. Physical size of RTO is approx 14 ft wide x 35.5 ft long x 34 ft tall. Will need control panel, dampers, gas train & burners, and stack for a complete system. Note - this RTO is a partial system and can be reconditioned & retrofitted to your design by the same people who designed it originally. Price is right. Call us and we can conference to tailor to your needs.	2006	Hastings, NE
FP413	Syngas Conditioning Module		Syngas conditioning module with 3 heat exchangers. For a list of all components enter fp413 in search terms box. Part of Methanol Plant FP100.	2009	Soperton, GA
FP415	Synloop Compression Module		Synloop compressor module rated at 1650 psig at 275F 600HP motor. Includes skid and all accessories. For a list of all components enter fp415 in search terms box. Part of Methanol Plant FP100	2009	Soperton, GA
7122	Thin Film Evaporator Dryer Package	Cherry Burrell	Thin film dryer package (wiped film evaporator). Cherry Burrell Thin film dryer 36-144. Scraped surface area 106 sq ft. Model 36-144. All contact surfaces are 304 stainless steel. Has 2 sections, designed for steam in jacket. Driven by 40 HP motor 1182/260 rpm. Physical size 36" dia x 144" tall for 252 inches OAH. Weight of dryer only empty 13,200 pounds. Includes 2 stage Nash-Kinema steam ejector vacuum system, a Viking LL4124A 7.5HP feed pump, and a Viking LL4124A 5HP discharge pump. Equipment has been removed and is ready to load on your truck - price includes removal & loading. There are two packages being offered - priced separately	1984	Ft Worth, TX
Tank, Carbon Steel			8 Items		
CT442	Grainer Tank	Henders	Vertical carbon steel tank used as grainer. Insulated. Has birdcage coils around the entire interior used for cooling with ammonia or chilled water (82 2-inch pipes at 22 ft long each), and steam coils in bottom third of tank for heating (5 turns of 2-inch pipe). Has top entering sweep agitator in tank - Reeves gearmotor included but will need reconditioning. Size is approximately 10 ft dia x 24.5 ft tall s/s for a capacity of 14,500 gallons. Dish top, dish bottom, on skirt for OAH 32.5 ft + agitator. Built by Henders, Memphis TN. ASME NB #817, serial 145. Physical weight 28,800 pounds. Shipping dimensions 11 ft x 11 ft x 32.5 ft. Grainer #1	1980	Kansas City, KS

Asset	Name	Manufacturer	Description	Built	Location
CT447	Grainer Tank	Henders	Vertical carbon steel tank, insulated with a massive coils system. This tank has two sets of coils for maximum heating or cooling: Has birdcage coils around the entire interior last used for cooling with ammonia or chilled water (82 2-inch pipes at 22 ft long each), and steam coils in bottom third of tank for heating (5 turns of 2-inch pipe). Either set of coils will be able to take steam, hot water, ammonia, Freon, or chilled water depending on your process. Has top entering sweep agitator in tank - Reeves gearmotor will need reconditioning. Size is approximately 10 ft dia x 24.5 ft tall s/s for a capacity of 14,500 gallons. Dish top, dish bottom, on skirt for OAH 32.5 ft + agitator. Built by Henders, Memphis TN. ASME stamped. Physical weight 28,800 pounds. Shipping dimensions 11 ft x 11 ft x 32.5 ft. Last used as a grainer tank for edible oil winterizing. Grainer #6		Kansas City, KS
CT448	Grainer Tank	Henders	Vertical carbon steel tank, insulated with a massive coils system. This tank has two sets of coils for maximum heating or cooling: Has birdcage coils around the entire interior last used for cooling with ammonia or chilled water (82 2-inch pipes at 22 ft long each), and steam coils in bottom third of tank for heating (5 turns of 2-inch pipe). Either set of coils will be able to take steam, hot water, ammonia, Freon, or chilled water depending on your process. Has top entering sweep agitator in tank - No gearmotor on top of agitator (missing). Size is approximately 10 ft dia x 24.5 ft tall s/s for a capacity of 14,500 gallons. Dish top, dish bottom, on skirt for OAH 32.5 ft + agitator. Built by Henders, Memphis TN. ASME stamped. Physical weight 28,800 pounds. Shipping dimensions 11 ft x 11 ft x 32.5 ft. Last used as a grainer tank for edible oil winterizing. Grainer #7	1980	Kansas City, KS
CT449	Grainer Tank	Henders	Vertical carbon steel tank, insulated with a massive coils system. This tank has two sets of coils for maximum heating or cooling: Has birdcage coils around the entire interior last used for cooling with ammonia or chilled water (82 2-inch pipes at 22 ft long each), and steam coils in bottom third of tank for heating (5 turns of 2-inch pipe). Either set of coils will be able to take steam, hot water, ammonia, Freon, or chilled water depending on your process. Has top entering sweep agitator in tank - Belt drive motor will have to be reconditioned. Size is approximately 10 ft dia x 24.5 ft tall s/s for a capacity of 14,500 gallons. Dish top, dish bottom, on skirt for OAH 32.5 ft + agitator. Built by Henders, Memphis TN. ASME stamped. Physical weight 28,800 pounds. Shipping dimensions 11 ft x 11 ft x 32.5 ft. Last used as a grainer tank for edible oil winterizing. Grainer #8	1980	Kansas City, KS
7138	Tank, Cone Bottom		Carbon steel tank with side entering 2HP agitator and 70 degree cone bottom - on legs. Insulated, flat top. Approx dim is 8 ft dia x 10 ft tall for approx 3700 gallons. OAH with legs is 18 ft.		Grant City, MO
V-1506	Tank, Horizontal Decanter	Confab	Horizontal carbon steel tank. Decanter and Liquid Knock Out. Built by Confab s/n 64866. ASME Nat'l Bd# 28, rated at 184 psig at 350F (1269 kpa at 177C). Approx size 6.5 ft dia x 18 ft long T/T for 4,468 gallon capacity. Weight: Approx. 12000-15000 lbs. Last used as Decanter in ethanol plant - see schematic link. Price includes removal and loading - ready now to load	1985	Grant City, MO
7475	Vertical Tank		Used- Tank, 8,000 Gallon, Carbon Steel, Vertical. Approximate 120" diameter x 160" straight side. Flat top, coned bottom. Insulated with aluminum sheathing. 2" Diameter internal coil, approximate 10 turns. Openings Top: 20" manway with cover, 2", 2", 3", (3) 1.5", side: 8". 3" Center bottom outlet. Mounted on 3 carbon steel legs.		Bensenville, IL

Asset	Name	Manufacturer	Description	Built	Location
7172	Vessel Tank	Girdler	Deodorizer vessel made by Girdler . Can be modified for use as a vacuum pressure vessel. Designed for full vacuum at 650F. Size is 9.5 ft dia x 38 ft-8 in s/s x 7/16 in shell thickness for capacity of approx 18,000 gallons. Currently has 6 ss304 trays internal when it was used as deodorizer - but can be removed. Designed to ASME specs full vacuum at 650F. This unit was used for a short period of time, then taken out of service and stored - in very good shape, no pitting. Dry weight 35,700 pounds vessel + 6 trays at 4,000 each = 59,700 pounds approx. See drawing for details	1961	Vernon, CA
Tank, Stainless			17 Items		
5719	Bleach Finishing Tank	tank ss	Stainless steel finishing tank for bleaching. 3' diameter, OAH 7'. 3.5' seam to seam. 3" inlet, 2" outlet. Includes RTD and high/low level switches. Part of bleacher system item 5766.	1985	Kingston, Jamaica
7461	Jacketed S/S Tank		625 Gallon 316 SS Jacketed Process Tank and insulated tank with 84"straightwall X 52"diameter. Flat top with hinged cover. Dished bottom with tri-clamp outlet. Inlets-2-2" tri clamp,1-3" tri clamp, 1-2 1/2" tri clamp, 1-1 1/2" tri clamp. Outlets-2" tri clamp on side, 4" on bottom. Tank has split top lid, 4 SS legs and spray ball for CIP. Doesn't have agitator. Tank has 2- 1 1/2" tri clamps on the side for sight glass but no sight glass installed. Overall dimension: 124" tall X 65"diameter.		Georgia
7474	Kettle Slurry Tank, SS		Used- Tank, Approximately 350 Gallons, 304 Stainless Steel, Vertical. 60" Diameter x 28" straight side. Bolt-on flat top with 1/3 hinged cover, dished bottom. Top entering Lightnin agitator, model XJC-30, serial# 98/G32243-14, with 1" diameter shaft, (3) blade turbine. Driven by .3 hp, 3/50/60/208-220/440 volt, 1425/1725 rpm xp motor. (4) Sidewall baffles. 1-1/2" Tri-clamp center bottom outlet. Mounted on (4) stainless steel legs.		Chicago, IL
4616	Mixing Tank Pressurized, Pilot Plant	Pilot Plant Tank	Pilot Plant Tank - 316 Stainless Steel Vertical Pressurized Mixing Tank. Used G.H. Hicks And Sons (Subs. Chemineer) Approx. capacity 7 Gallons Serial #971071-A & B. Internal Dimensions Approximately 12" Diameter By 17" Deep, Tank has Dished Bottom Head With Center Discharge Outlet. Inlet 1", Outlet 1/2". Rated 150 Psig @ 600 Deg. F internally, ASME Code Stamped, National Board #573, #576. Has approx. Ten (10) Turns Of Serpentine Coils Internally for Heating (Coils And Mixer), Tank Can Be Supplied With 4" Diameter Turbine Type Agitator Driven By 1/4 HP 1/60/115 Volt Explosion Proof Motor. With Bolted Top Head, With Assorted Openings, And Temperature Thermowell With Gauge. Mounted On Portable Stand With Casters. Tanks, appears to have All Explosion Proof Features. Price includes loading on your truck.	1971	Ft Worth, TX
7197	Open Top Tank	ProQuip	2500 gallon vertical 304SS open top tank with bridge mounted agitator. 8' diameter x 78" deep. 3 baffles on side wall. With Bridge mounted agitator manufactured by ProQuip, 1HP 3/60/230/460V, 30 to 1 ratio, 56 rpm output, 2" diameter shaft, 3 blade pitched paddle turbine on shaft. Open top, flat bottom. Appears to have a 2" center bottom outlet. 124" OAH. No coils but we can add for an option if wanted. Price includes removal and loading on your truck. Quantity (2) – priced separately		Warren Glenn, NJ

Asset	Name	Manufacturer	Description	Built	Location
7173	Scrubber	Elliott	Stainless steel 304 scrubber vessel with spray nozzle at top and integral heat exchanger at bottom (optional - can be left off). Model is Elliott Swirl Jet, serial # E-7704. Heat exchanger is cs shell, ss tubes. Scrubber dimensions are 56 inch dia x 16 ft - 6 in s/s for capacity of approx. 2000 gallons. Designed to ASME specs rated at full vacuum. Dry weight approx 3213 pounds + 3,000 pounds HEX = 6200 pounds approx	1986	Vernon, CA
7450	Stainless Steel Slurry Tank	Sylacauga Tank Corp.	1,000 gallon 304 SS slurry tank. Built 1992 by Sylacauga Tank Corp. SN #7088, atmos. Service. Three tier turbine 304 s/s agitator and side mounted baffles. Vessel has a flat top, and dish bottom and mounts vertically by lugs. Diameter is 64" x 74 " straight side. Shell and bottom thickness is 0.188", Dish radius is 57, head thickness is 0.313". Tank has a 2" center bottom outlet and a 2.5" weld neck outlet at the top of the side for overflow. Top Openings include the following: Two 8" weld neck flanges, Two 2" flanges, One 3" flange, Three connections, flanged form 1" through 1 & 3/4". Vessel also has an eight inch opening with a product screen,(4x4) and an access door 18" x 24" with hinges. Agitator drive is by Lightnin, Model 74C, 7.5, 31-1 drive ratio, 56 rpm output shaft, 7.5 hp motor, Mixer features a reliance motor 1775 rpm, 7.5 hp, 3 phase, 60 hz, 460 v.		Windsor, NJ
7427	Stainless Steel Tank	Cherry-Burrell	Sanitary Stainless Steel tank - 1850 Gallon, 316 SS, sanitary vertical storage tank with mixer. Manufactured by Cherry-Burrell, Serial Number E -305-93. Rated atmospheric internal. 90" diameter x 64" straight side with welded dish top, slight cone bottom. With top mounted off set agitator, manufactured by Lightnin, with 3 blade pitch paddle turbine mixer. Openings Include: Top - 18" top manway with hinged cover, off center 6" drive nozzle, (1) 3" vent, (3) 2"; 2" center bottom outlet with flush bottom ball valve. Mounted on six legs with load cells. Includes a 304SS ladder to access top man way. Built 1993, empty weight 1800 lbs.	1993	Florence, SC
7473	Steam Jacketed Kettle	B.H. Hubbert & Son	B.H. HUBBERT&SON - 350 gallon stainless steel steam jacketed kettle, 52" diameter x 40" deep. National board rated to 42PSI, 2.5" discharge, open top, serial number 15513-1, National Board number 1646, includes a perforated basket.		Georgia
4614	Tank, Pilot Plant Pressure & Vacuum SS	Pilot Plant Tank	Pilot Plant Tank - Used FELDMEIERS stainless steel tank. Capacity approx. 75 gallons. Type 316 STAINLESS STEEL closed vertical pressure/Vacuum Tank, S/N 4587-R1. Dimensions approx. 24" I.D. X 38" deep. ASME rated 30 PSI/FULL VACUUM INTERNALLY @ 350 degrees F. ASME Nat'l Board Number 937, CODE STAMPED. Temperature RTD and pressure transmitter. With dished, bolted top head and approx. six (6) assorted openings. Tank has dished bottom with bottom center discharge and valve. On stainless steel legs. Physical weight approx 800 pounds. Can be especially useful for pilot plant deodorizing, hydrogenation, or bleaching.		Ft Worth, TX
7458	Tank, S/S	O'Conner	Used- 7,500 Gallon O'Conner Storage Tank, stainless steel construction. 9' diameter x 16' straight side, dome top, flat bottom, 8", (4) 3", (2) 1.5", (2) 1.25" top nozzles, 24" side bottom manway, 3" side bottom outlet.		Bensenville, IL
V-1502	Tank, Stainless Steel		Vertical 304 stainless steel tank. Top & bottom sections section 4 ft dia x 3 ft-4 in T/T, middle section 2ft-6in dia x 7 ft. Total OAH approx 15 ft H for 960 gallon capacity. Last used as a fusel oil washer in ethanol service. See P&ID link for configuration and nozzle locations/size.	1995	Grant City, MO

Asset	Name	Manufacturer	Description	Built	Location
7433	Tank, Vertical SS	Alloy Fab	Vertical tank capacity 400 gallon 304SS open top tank manufactured by Alloy Fab. Size is approx 52" diameter x 48" straight side, has 2" bottom outlet. Mounted on 4 legs.		Warren Glenn, NJ
7451	Vertical Tank	Bisphoric	5,000 gallon 304LSS vertical tank, 25 PSI, Manufactured by Bisphoric, Serial Number 132671-1, National Board number 601, Rated 25 PSI/FV @ 300 degrees F internal. 8' diameter x 11'9" straight side, 5/16" shell thickness, 0.2675" head thickness, welded dished top and bottom. With insulation covered by a SS shroud around straight side and bottom of the tank. Openings include: Top - (1) 18" manway withcover, (3) 2", (1) 4", (2) 6"; Bottom (1) 4". Mounted on 4 legs with reinforced concrete.		Robbinsville, NJ
5757	Vertical Tank	Stainless Steel	Remelt Tank- Round. 4' height x 4' diameter for approx 375 gallon capacity. Coils are included. It has steam or hot water, stainless steel coils, side mount agitator or angle top agitator. Price includes loading on your truck.		Ft Worth, TX
7453	Vertical Tank	Stainless Steel Process	1400 gallon 316 stainless steel vertical agitated pressure tank. Manufactured by Stainless Steel Process Equipment Corp. Rated 60 PSI @ 200 degrees F. National Board number 450. 6' diameter x 6' straight side, welded dished top head, slight cone bottom. Equipped with gate agitator 40/25 RPM output speed. Driven by Lightnin model 42GS95 agitator drive with 10 HP 3/60/460V, 1750 RPM motor. Mounted on legs. Openings: Top- 18" manway with cover, 1-3", 1-4", 1-8", 1-8" sight glass; 1-2" bottom outlet.		Williamstown, NJ
7452	Vertical Tank	Union Carbide	5562 Gallon, 304SS vertical pressure tank, Manufactured by Union Carbide, National Board number 2650, Serial Number 906013, rated 90 psi @ 0 to 300 degrees F. 96" OD x 14' straight side, welded dished heads, .406" shell thickness, .526" head thickness, with wire mesh pad in bottom head of tank. Openings include: Top - (1) 18" with bolted cover, (1) 2", (1) 6", (1) 1", (1) 3"; Side - (2) 18" manways with bolted covers; (1) 6" center bottom outlet. Mounted on 4 legs. Total Weight 15,500#		Florence, SC

Terms: All equipment is sold As Is Where Is, Subject to prior sale and availability. The equipment could be withdrawn from the market at any time with no prior notice. All quotes are in US Dollars unless specifically noted otherwise. Quotes are good for 30 days. Description of the equipment - especially those relating to capacity, size, or condition - are stated as clearly as possible for information to the buyer or observer. The descriptions and representations cannot be taken as accurate. The buyer has the sole responsibility to determine size, capacity, capability, suitability, condition, or any other attribute pertaining to the piece of equipment represented or purchased. The assets are sold "As Is", "Where Is" and "with all faults" and except as explicitly stated in the Bill of Sale. All warranties, including, without limitation, the warranties of merchantability, quality, and fitness for a particular purpose are hereby expressly excluded. Seller makes no representations or warranties as to design, condition, capacity, performance, or any other aspect of the asset.