

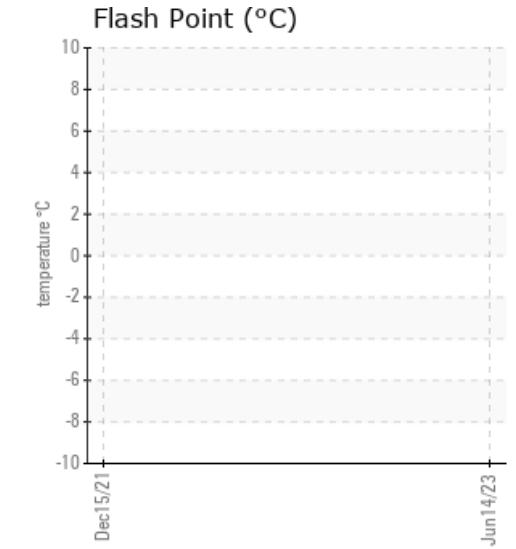
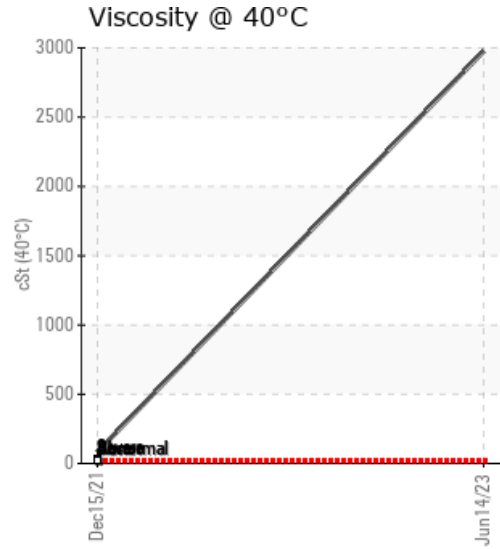
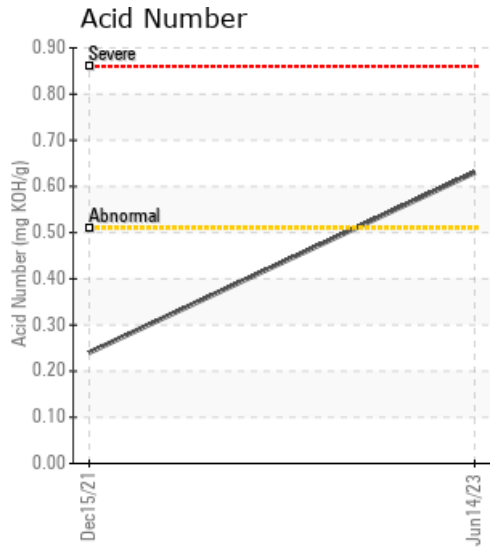
### 8-6-4

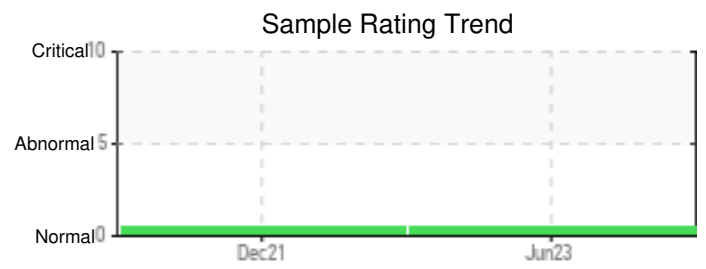
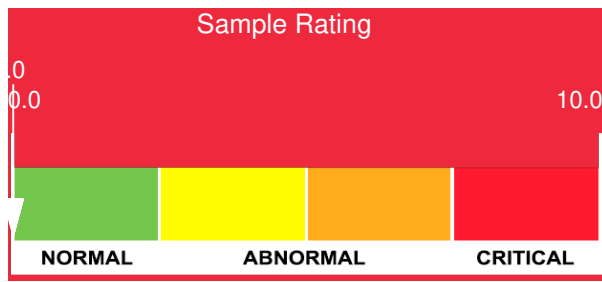
Customer:	System Information	Sample Information
ERGON - GLOUCESTER CITY 201 WATER ST GLOUCESTER CITY, NJ 08030 US Attn: KEVIN HANSON Tel: E-Mail: Kevin.Hanson@ergon.com	System Volume: 0 gal Bulk Operating Temp: 842F / 450C Heating Source: Blanket: Fluid: EASTMAN THERMINOL 55 Make:	Lab No: 05881508 Analyst: Doug Bogart Sample Date: 06/14/23 Received Date: 06/22/23 Completed: 06/29/23 Doug Bogart dougb@wearcheckusa.com

Recommendation: Recommend drain fluid if not already done and flush with cleaner before refilling with fluid. Resample at the next service interval to monitor.

Comments: The iron level is abnormal. Appearance is unacceptable. There is a high amount of visible sediment/sludge present in the sample. The fluid viscosity is higher than normal. The fluid is no longer serviceable.

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
06/14/23	06/22/23	0.0h			202.2	2976	0.63					
12/15/21	12/16/21	0.0h			153.0	83.0	0.240					
Baseline Data				351 / 177		19			655 / 346		790 / 421	3.40





Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
06/14/23	451	0	0	1	0	0	2	0	0	0	1	20	2	0	2		4		0	0	4	0	15	0
12/15/21	367	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	3		0	0	3	0	4	0
Baseline Data			0	0						0			0	0				0	0				0	

Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

GCD Spectrum

**Historical Comments**

12/15/21	We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. Resample at the next service interval to monitor. Please note that this is a corrected copy for diagnostic comment updates. We were unable to perform a particle count due to a high concentration of particles present in this sample. The iron level is abnormal. There is a high amount of visible silt present in the sample. The AN level is acceptable for this fluid.