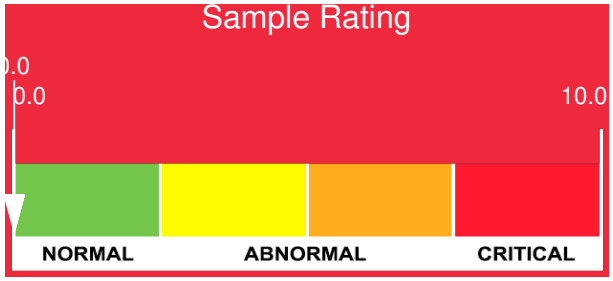
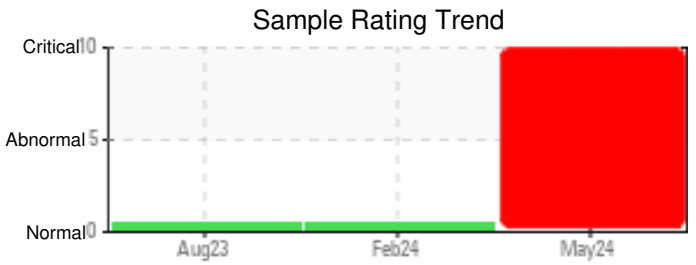




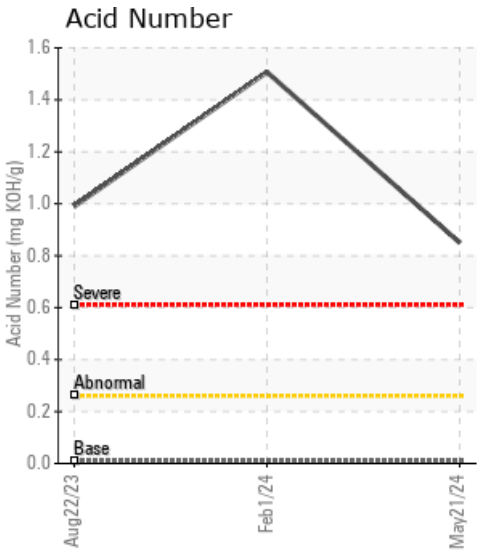
2319

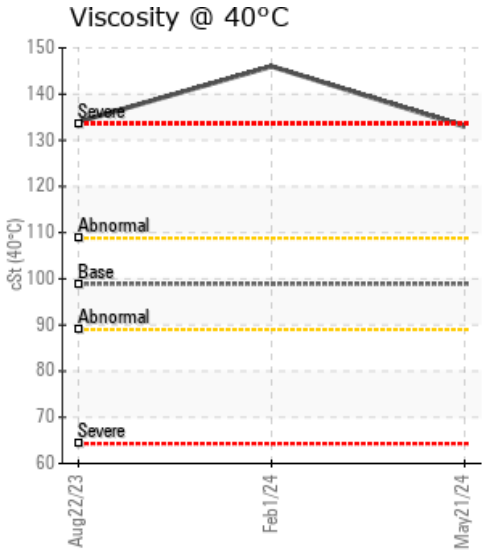
Customer:	System Information	Sample Information
ERGON - ENNIS 203 CEDAR RD ENNIS, TX 75119 US Attn: RUDY ROBLES Tel: E-Mail: Rudy.Robles@ergon.com	System Volume: 2500 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: ERGON HYGOLD L500 Make:	Lab No: 06196175 Analyst: Doug Bogart Sample Date: 05/21/24 Received Date: 05/30/24 Completed: 06/12/24 Doug Bogart dougb@wearcheckusa.com

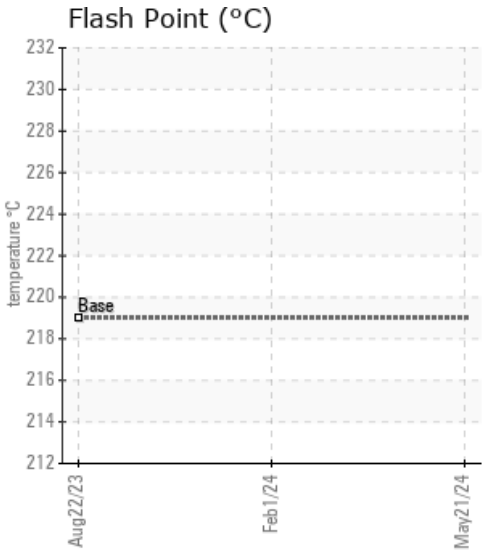
Recommendation: This product is thermally degraded. Review the heat transfer efficiency of this system to determine if it is financially advisable to drain and replace the fluid. All tests and evaluation performed at WearCheck Canada.

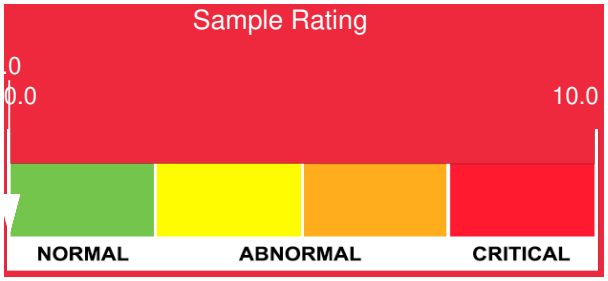
Comments: Pentane Insolubles levels are severely high. Acid Number (AN) is severely high. (GCD) 10% Distillation Point is severely high. (GCD) 50% Distillation Point is severely high. (GCD) 90% Distillation Point is severely high. Visc @ 40°C is abnormally high.

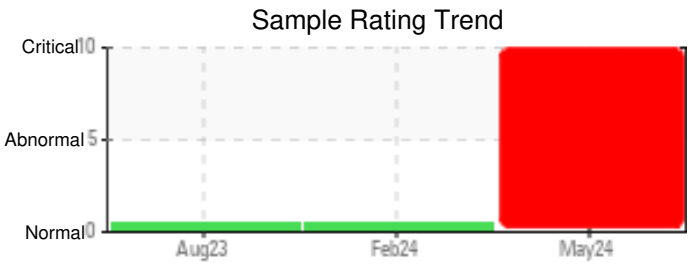
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
05/21/24	05/30/24	0.0h		432 / 222	58	133	0.85	0.952	818 / 437	956 / 513	1002 / 539	1.47
02/01/24	02/06/24	10.7h			59	146	1.507					
08/22/23	08/23/23	0.0h			1.2	134	0.99					
Baseline Data				426 / 219		98.9	0.01		693 / 367	813 / 434	937 / 503	2.0







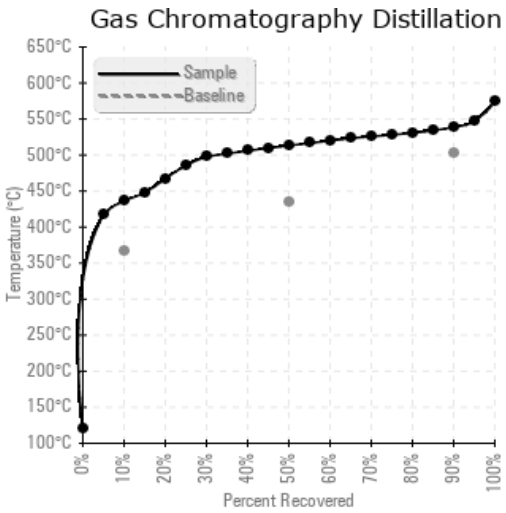


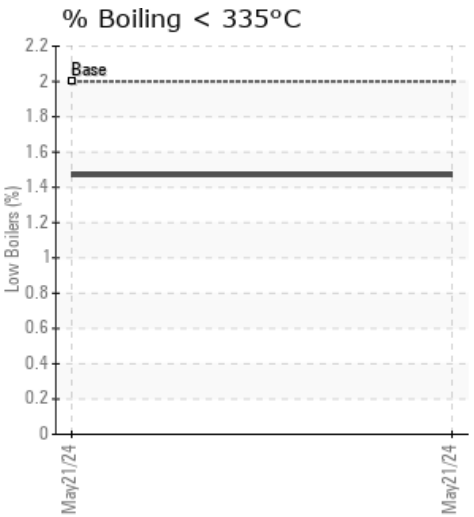


Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
05/21/24	19	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
02/01/24	27	0	0	2	0	0	0	0	0	0	0	0	0	0	0		0		0	1	4	5	21	0
08/22/23	20	0	0	0	0	0	0	0	0	0	0	4	0	0	0		0		0	0	0	0	6	0
Baseline Data			0	0						0			0	0				0	0				0	

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

GCD Spectrum





Historical Comments

02/01/24	Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the fluid. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.
08/22/23	No corrective action is recommended at this time. Resample at the next service interval to monitor. Please note that this is a corrected copy for oil baseline data update.All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

