

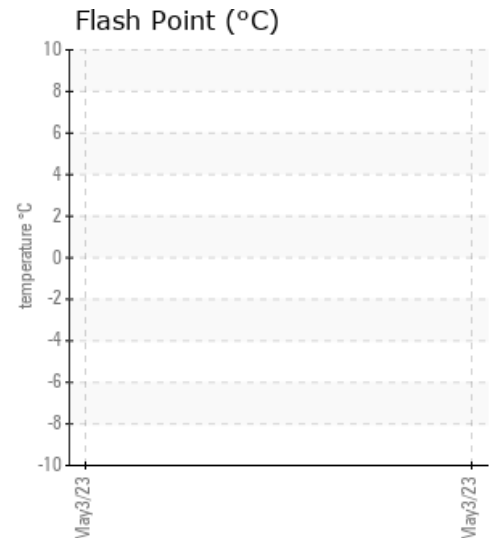
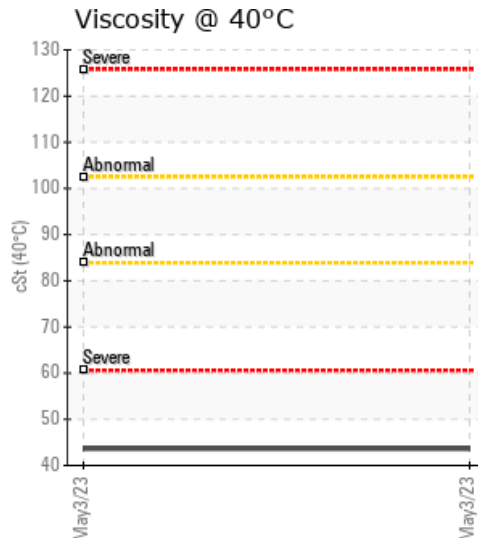
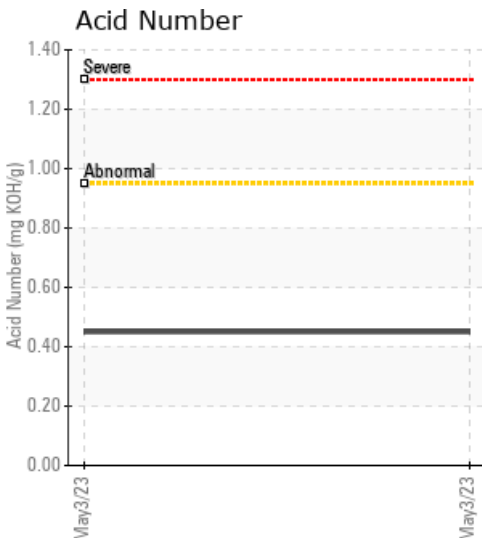
[MAGNOLIA MARINE] MM83

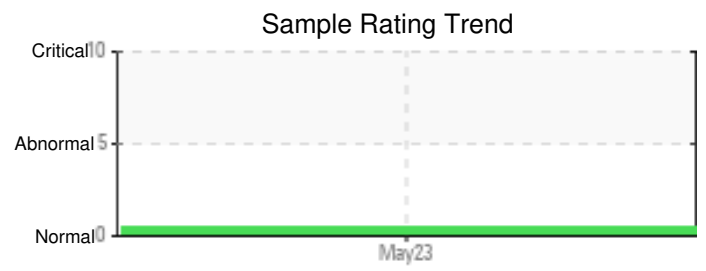
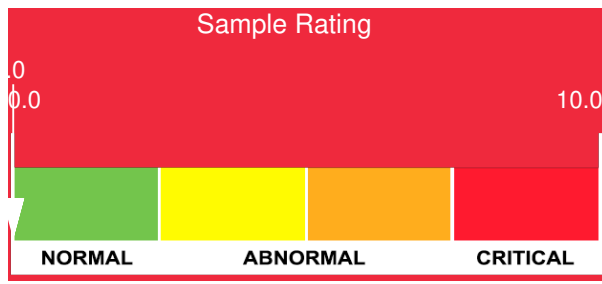
Customer:	System Information	Sample Information
TULCO OILS INC (006-NATIONAL DIVISI... 5240 EAST PINE TULSA, OK 74115 US Attn: MIKE HANN Tel: (800)375-2347 E-Mail:	System Volume: 0 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: NOT GIVEN Make:	Lab No: 05837401 Analyst: Doug Bogart Sample Date: 05/03/23 Received Date: 05/04/23 Completed: 05/12/23 Doug Bogart doug@wearcheckusa.com

Recommendation: No corrective action is recommended at this time. Oil appears to be Lubsoil Alphasyn HT 1100.

Comments: All metal levels are normal indicating no corrosion in the system. 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.

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	%
05/03/23	05/04/23	0.0h				43.63	0.45	0.303	757 / 403	879 / 471	980 / 527	1.23
Baseline Data				32 / 0					315 / 157	399 / 204		

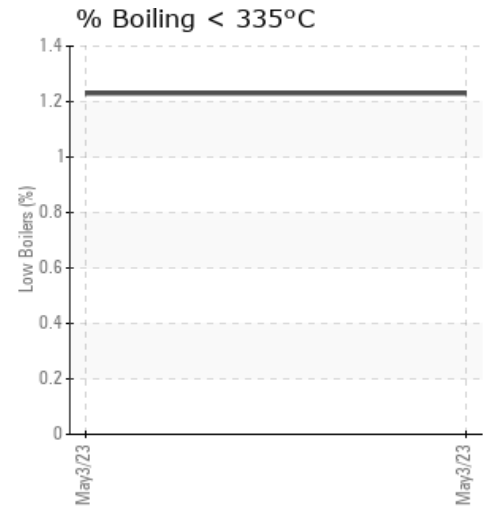
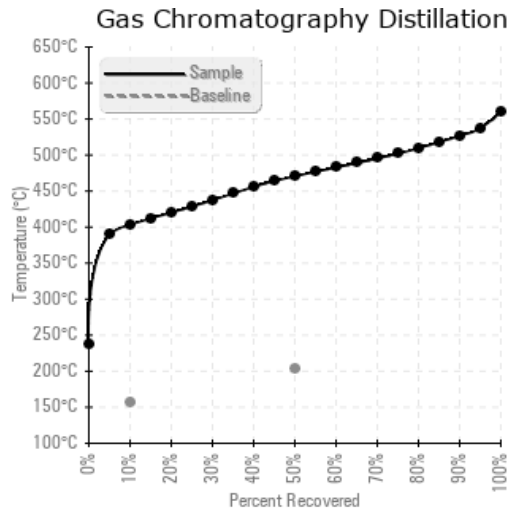




Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
05/03/23	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0		0	3	4	0	0	0
Baseline Data			0	0						0			0	0					0				0	

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

GCD Spectrum



Historical Comments
