

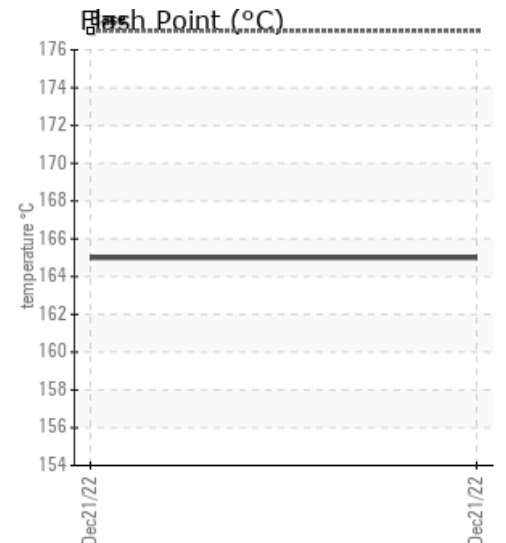
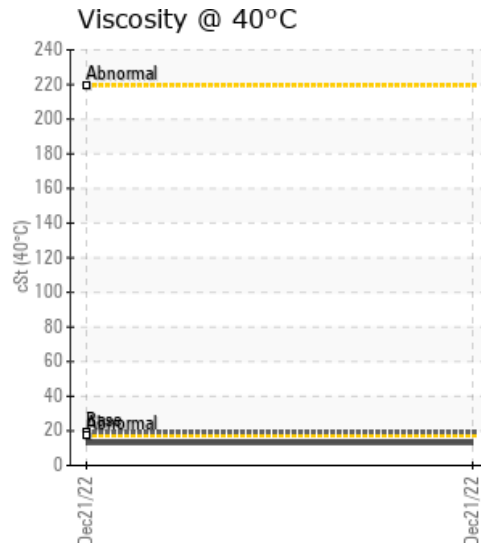
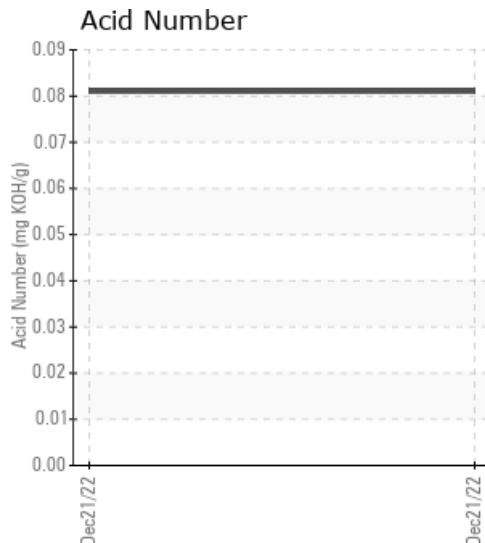
THERMINOL 55

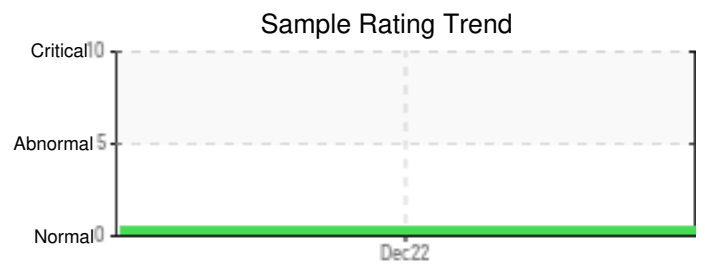
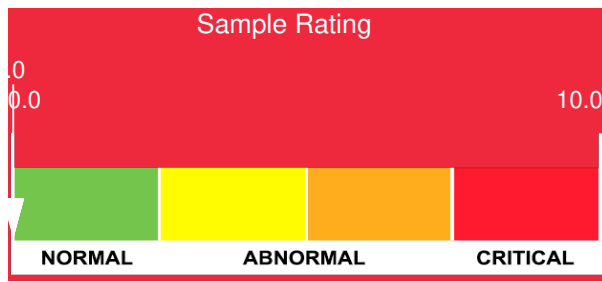
Customer:	System Information	Sample Information
TULCO OILS INC (006-NATIONAL DIVISI... 5240 EAST PINE TULSA, OK 74115 US Attn: MIKE HANN Tel: (800)375-2347 E-Mail:	System Volume: 0 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: EASTMAN THERMINOL 55 Make:	Lab No: 05724409 Analyst: Doug Bogart Sample Date: 12/21/22 Received Date: 12/22/22 Completed: 01/05/23 Doug Bogart doug@wearcheckusa.com

Recommendation: This is a baseline read-out on the submitted sample. Test(s) for distillation and flash point performed at WearCheck Canada. COC reading is actually PMCC.

Comments: {not applicable} {not applicable} {not applicable}

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	%
12/21/22	12/22/22	0.0h		329 / 165	64.9	13.1	0.081		563 / 295	684 / 362	780 / 416	26.57
Baseline Data				351 / 177		19			655 / 346		790 / 421	3.40

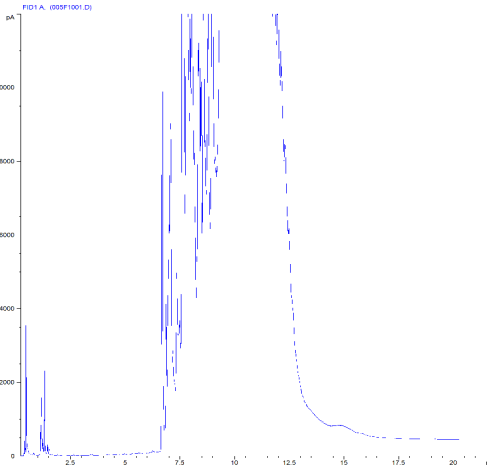




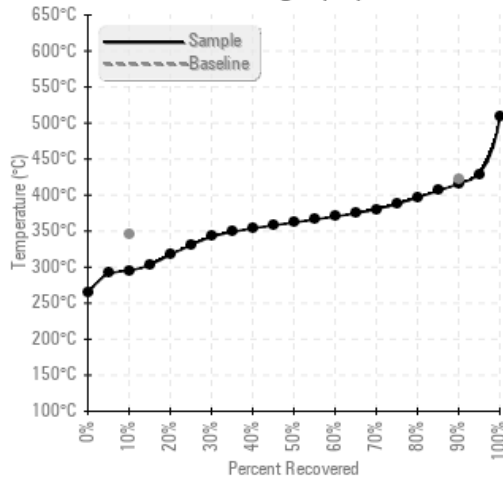
Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc	
12/21/22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0		0	0	0	0	0	4	0
Baseline Data			0	0						0			0	0				0	0					0	

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

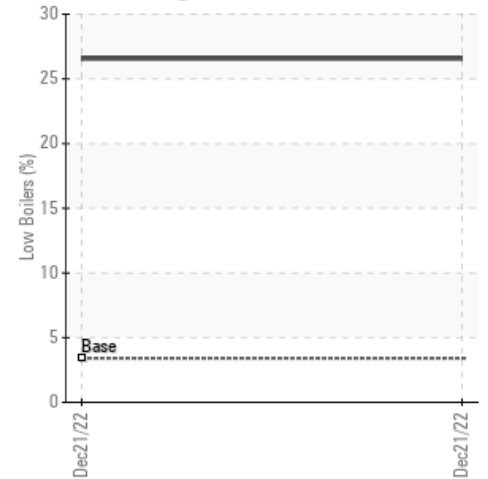
GCD Spectrum



Gas Chromatography Distillation



% Boiling < 335°C



Historical Comments
