

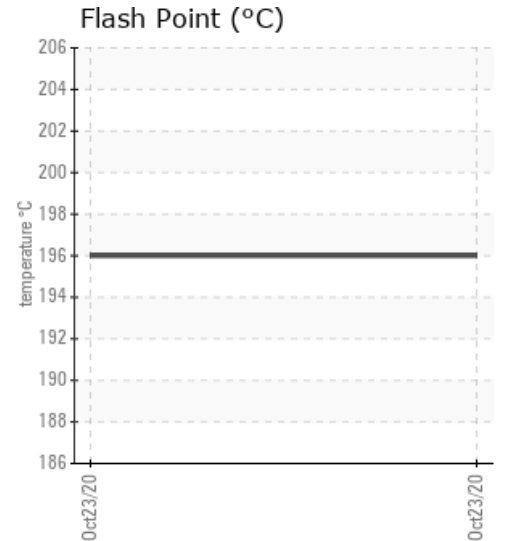
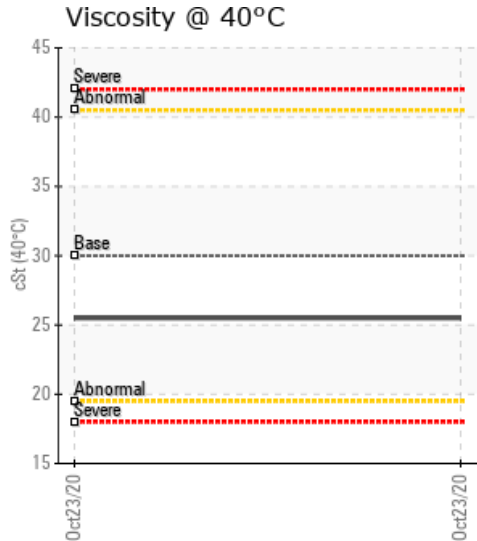
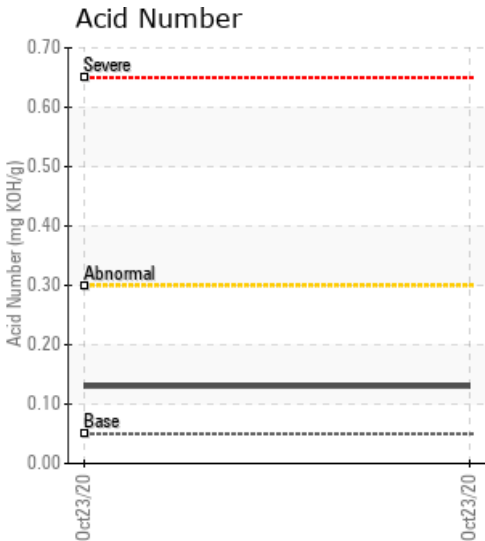
GEO TEK 2000 SPA

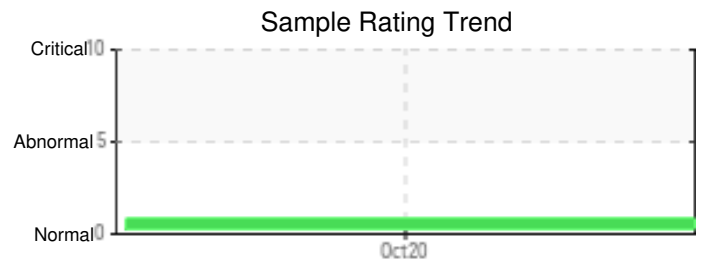
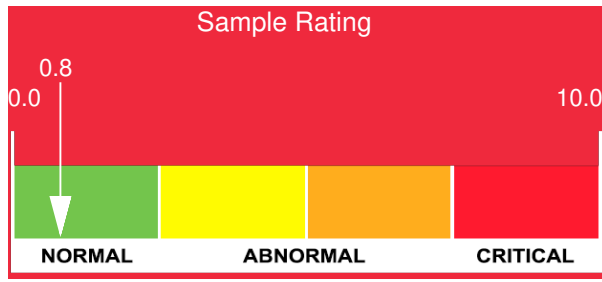
Customer: PTRHTF40088	System Information	Sample Information
EMANUELE MASCHERPA SPA VIA NATALE BATTAGLIA 39 MILAN, Italy Attn: MARCO MUNAFO Tel: (390)228-0031 E-Mail: m.munafo@mascherpa.it	System Volume: 3000 ltr Bulk Operating Temp: 482F / 250C Heating Source: Blanket: Fluid: ROLOIL AERTHERM 320 Make: FERROLI	Lab No: 02387838 Analyst: Philip Riley Sample Date: 10/23/20 Received Date: 11/17/20 Completed: 11/20/20 Philip Riley philip.riley@petrocanadalsp.com

Recommendation: Not a Petro-Canada Lubricants Fluid. Unable to comment with authority on the parameters tested and the suitability of the fluid

Comments: COC Flash Point is marginally low.

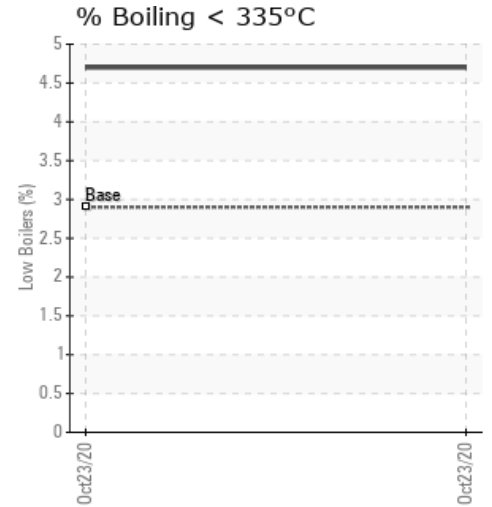
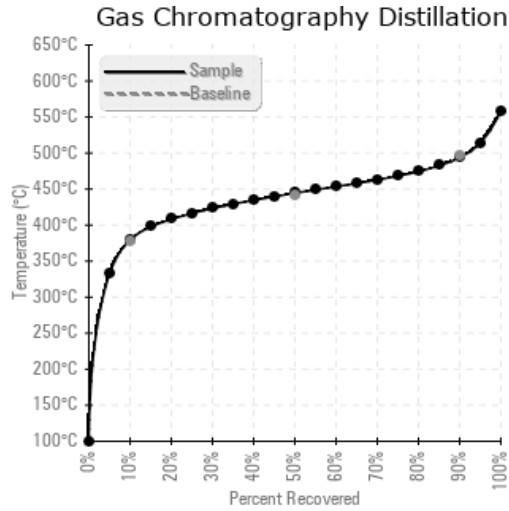
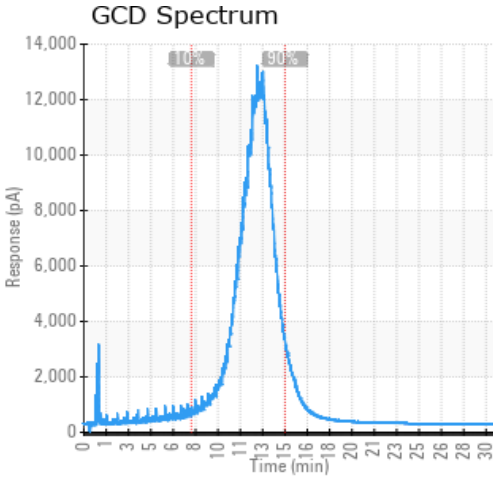
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
10/23/20	11/17/20	80000h	HEATER	385 / 196	15.4	25.5	0.13	0.042	715 / 380	832 / 444	921 / 494	4.70
Baseline Data				446 / 230		30	0.05		712 / 378	824 / 440	927 / 497	2.9





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
10/23/20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	7
Baseline Data			0	0						0			0	0				0	0				0	

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



Historical Comments

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