

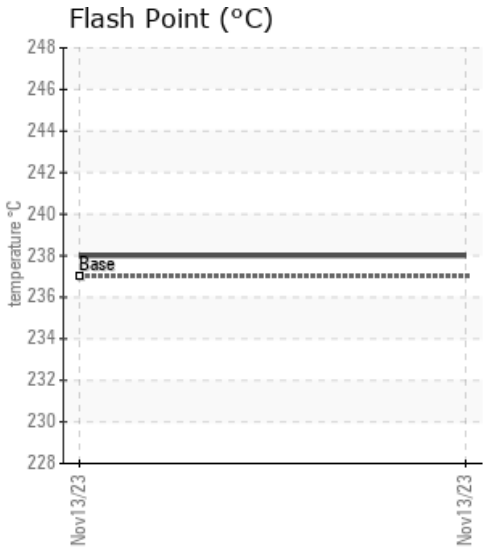
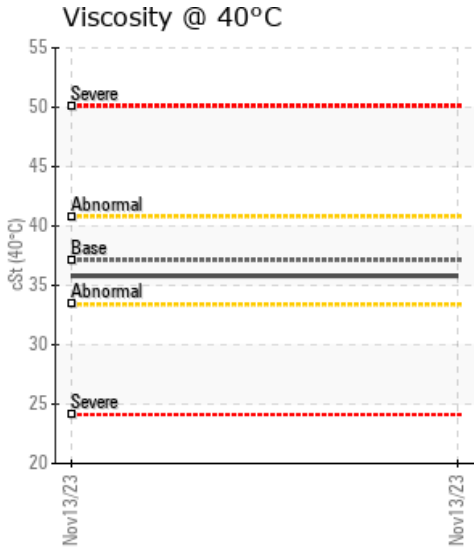
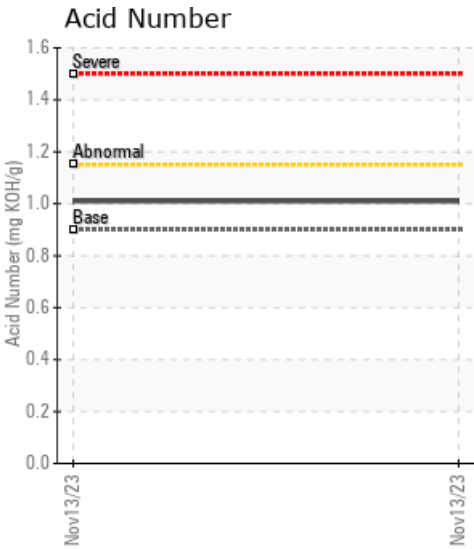
HEAT TRANSFER

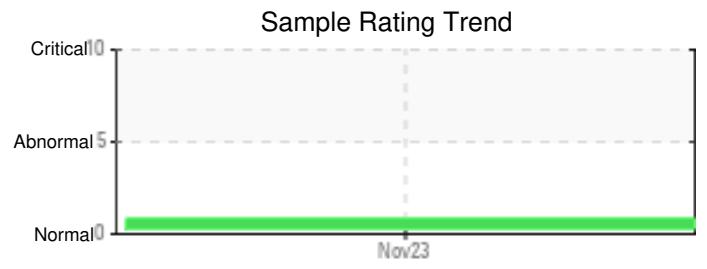
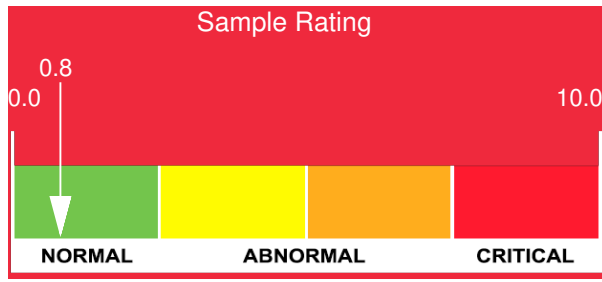
Customer: PTRHTF40088	System Information	Sample Information
EMANUELE MASCHERPA SPA VIA NATALE BATTAGLIA 39 MILAN, IT Attn: MARCO MUNAFO Tel: (390)228-0031 E-Mail: m.munafa@mascherpa.it	System Volume: 10000 ltr Bulk Operating Temp: 392F / 200C Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make:	Lab No: 02598890 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I Sample Date: 11/13/23 Received Date: 11/24/23 Completed: 11/29/23 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: The fluid is suitable for further service. Resample at the next service interval to monitor.

Comments: (GCD) 90% Distillation Point is marginally high.

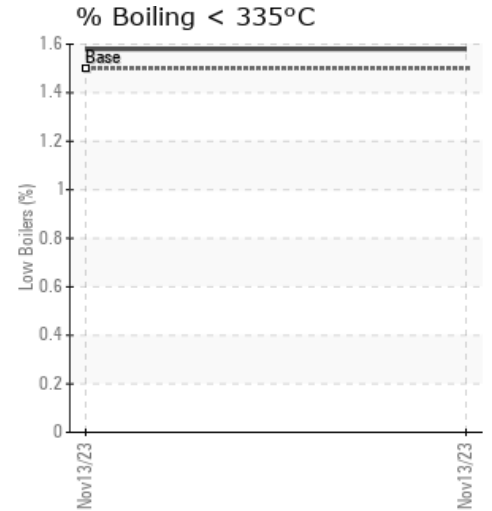
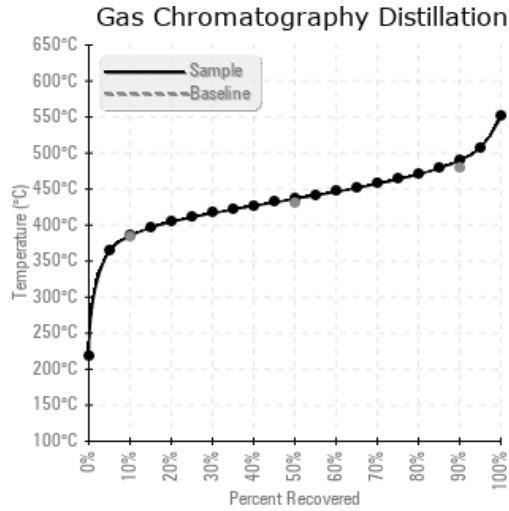
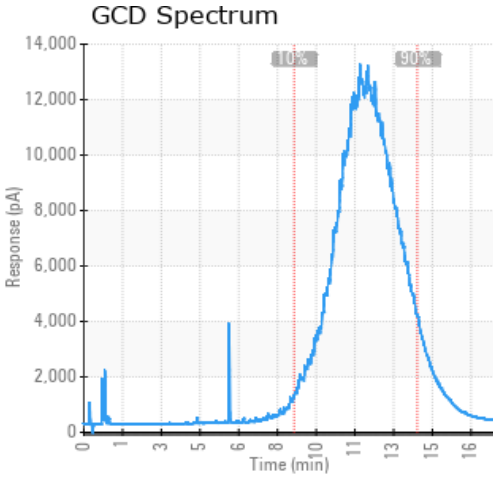
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/13/23	11/24/23	6000.0h		460 / 238	23	35.8	1.01	0.039	725 / 385	818 / 436	913 / 490	1.58
Baseline Data				459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5





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
11/13/23	68	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	16	0
Baseline Data			0	0						0		0	0				0	0					230	

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



Historical Comments

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