

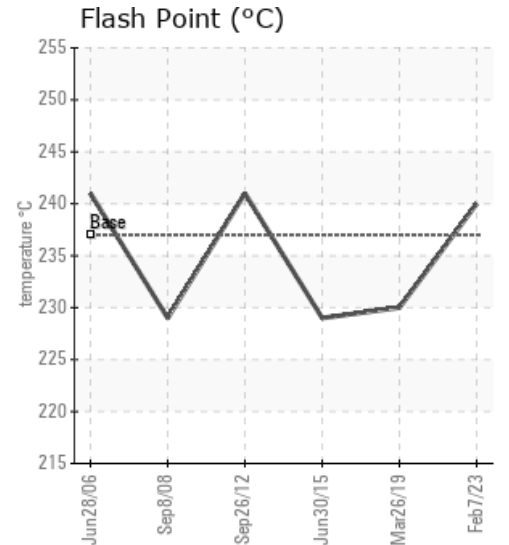
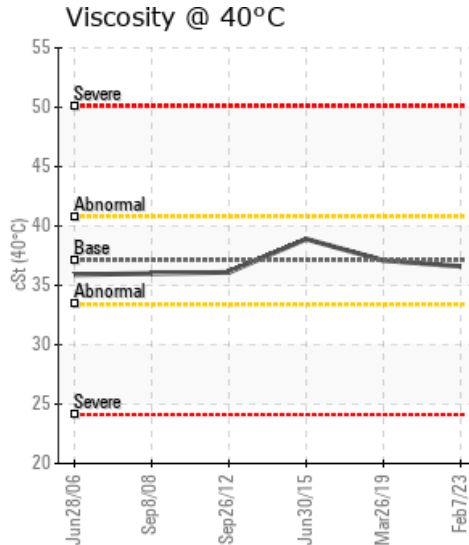
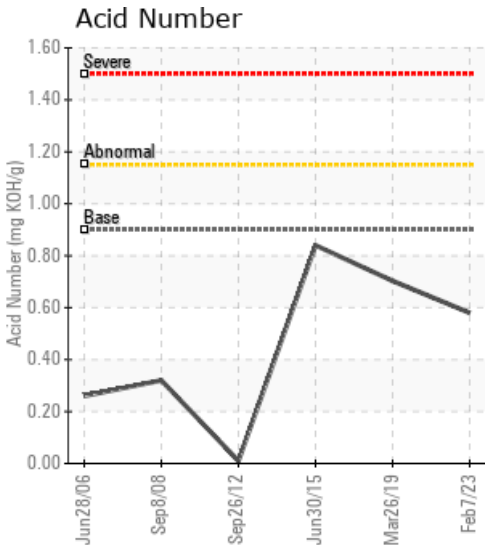
MAIN

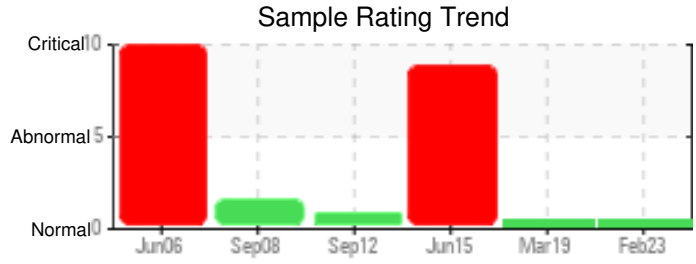
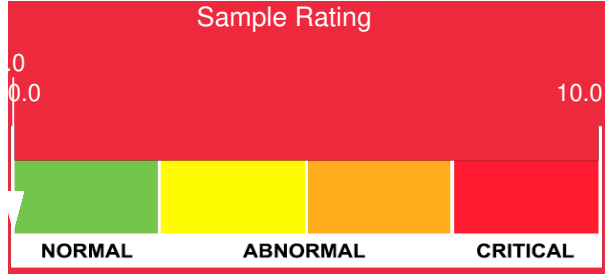
Customer: PTRHTF40030	System Information	Sample Information
CAMBRIDGE MAJOR LABORATORIES VLIESVENWEG 1 LIMBURG WEERT, LIM NETHERLANDS Attn: Maintenance Manager Tel: E-Mail:	System Volume: 0 ltr Bulk Operating Temp: 200F / 93C Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make: MAXXTEC	Lab No: 02540133 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I Sample Date: 02/07/23 Received Date: 02/16/23 Completed: 02/23/23 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:

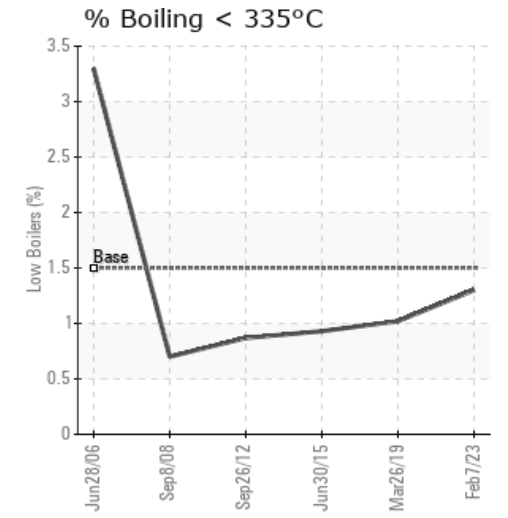
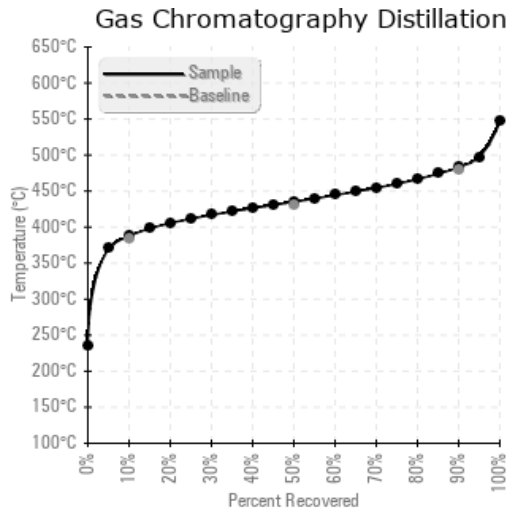
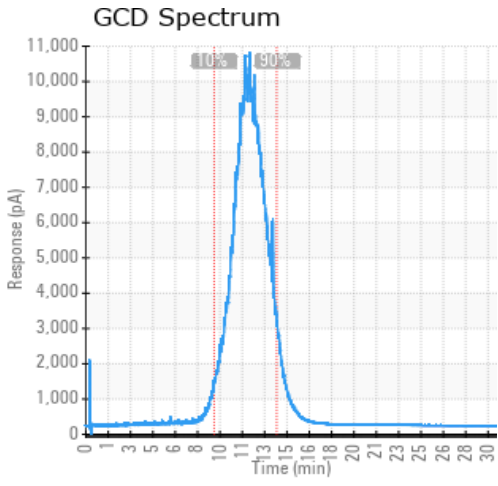
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
02/07/23	02/16/23	0.0h		464 / 240	200.3	36.6	0.58	0.092	730 / 388	815 / 435	901 / 483	1.30
03/26/19	04/02/19	0.0h		446 / 230	327.4	37.1	0.703	0.112	724 / 384	812 / 433	895 / 480	1.02
06/30/15	07/09/15	0.0h		444 / 229	2060.4	38.9	0.84	0.245	723 / 384	829 / 443	929 / 498	0.93
09/26/12	10/08/12		NA	466 / 241	38	36.1	0.01	0.010	723 / 384	818 / 437	921 / 494	0.869
09/08/08	09/08/08			444 / 229	78	36	0.32	0.01	738 / 392		932 / 500	0.7
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
02/07/23	129	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	1	0	1	0	0	0	244	5
03/26/19	189	0	0	0	2	0	0	0	0	0	4	0	0	0	0	0	2	0	1	0	1	0	211	10
06/30/15	281	0	0	0	2	0	0	0	0	0	15	0	0	0	0	0	3	0	7	0	2	0	210	22
09/26/12	3	0	0	0	0	0	0	0	0	0	11	0	0	0	0	1	0	0	2	0	4	0	193	3
09/08/08	62	0	0	0	0	0	0	0	0	0	29	0		0	0		0		0	2	0	231	3	
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

03/26/19	Product in overall good condition, fit for further use
06/30/15	Higher than expected levels of Iron and water are present in the oil. Suggest changing oil. PQ levels are severe. Iron ppm levels are abnormal. Water contamination levels are severely high. Water contamination levels are severely high.. ppm Water contamination levels are severely high. (GCD) 90% Distillation Point is marginally high.
09/26/12	Oil appears fit for further service
09/08/08	

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