

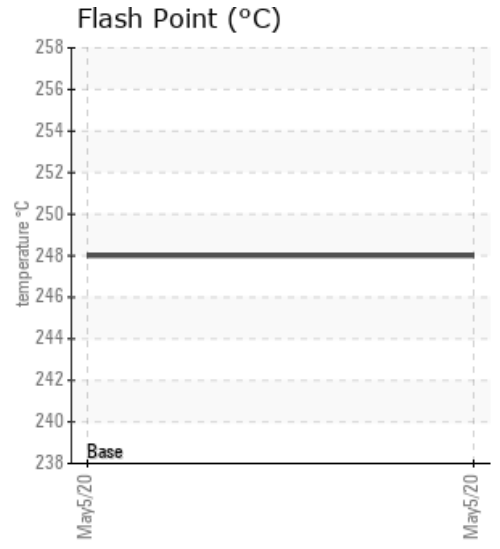
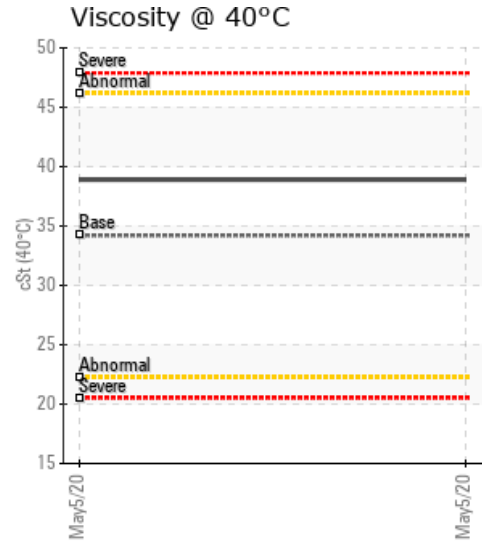
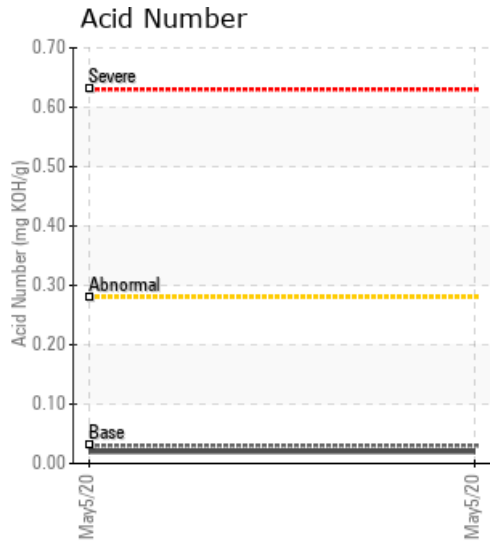
**[06-16-64-21W5] 053-LH-101**

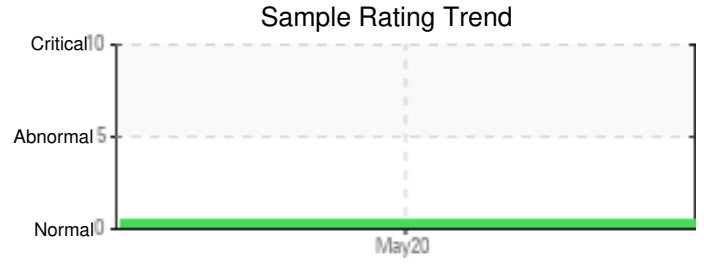
Customer: PTRHTF20230	System Information	Sample Information
Paramount Resources Inc. 101 Main St PO Box 58 Fox Creek, AB T0H 1P0 Canada Attn: Steve Passerin Tel: (780)396-9934 E-Mail: steve.passerin@paramountres.com	System Volume: 17800 ltr Bulk Operating Temp: 365F / 185C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make:	Lab No: 02358331 Analyst: Peter Harteveld Sample Date: 05/05/20 Received Date: 06/08/20 Completed: 06/11/20 Peter Harteveld peter.harteveld@hollyfrontier.com

Recommendation: The fluid is in a good condition and suitable for further use. Previously the system was filled with Chevron HT 46 fluid. Judging from the viscosity, Flash Point and distillation curve it looks like there is still some HT 46 fluid mixed in with the Petro-Therm. Please resample in 6 months.

Comments:

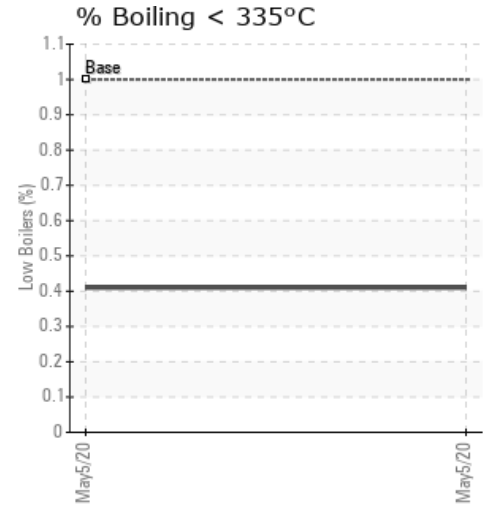
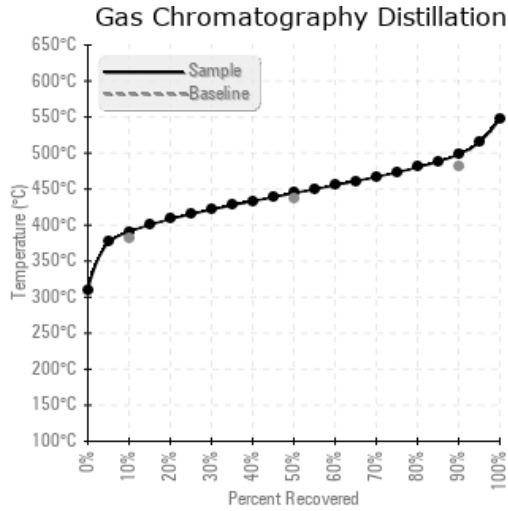
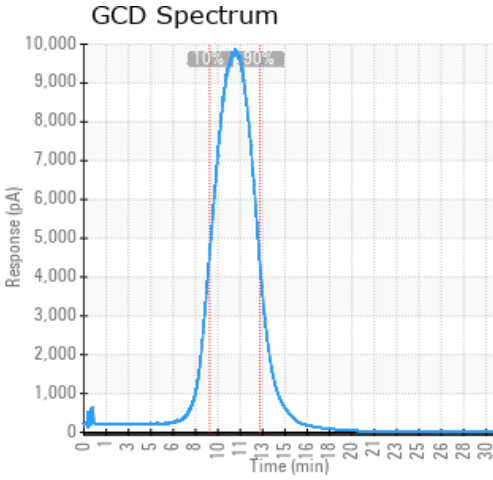
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
05/05/20	06/08/20	19.0h		478 / 248	34.4	38.9	0.02	0.065	735 / 391	832 / 444	929 / 498	0.41
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00





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
05/05/20	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	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%]



### Historical Comments


Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.