

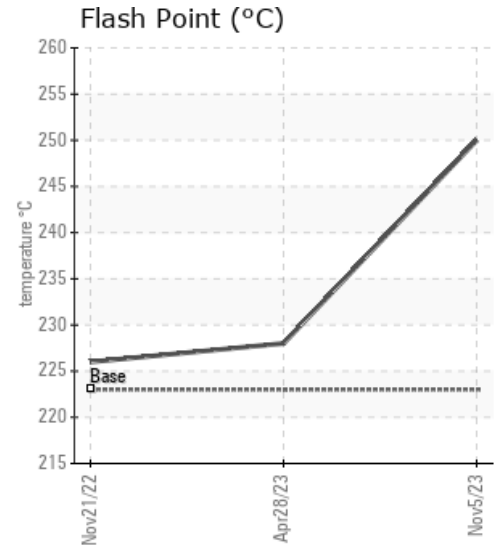
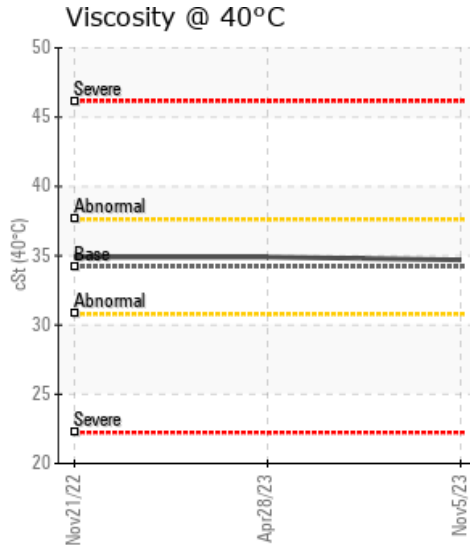
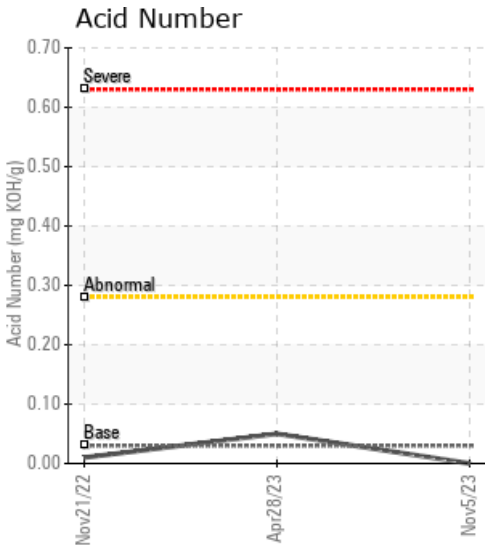
### [100/02-15-41-11 W5M] H1010

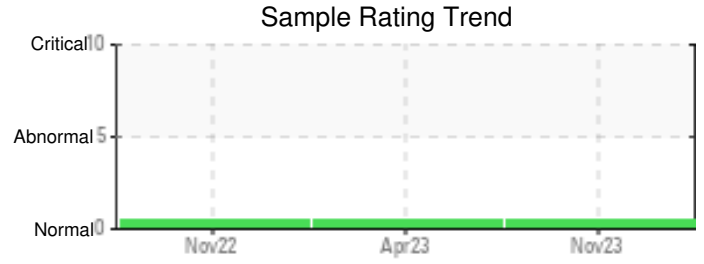
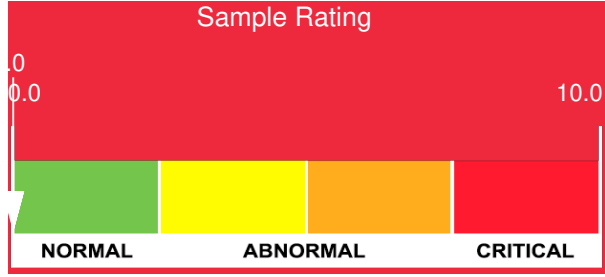
Customer: PTRHTF20270	System Information	Sample Information
Peyto Exploration & Development Cor...	System Volume: 15000 ltr Bulk Operating Temp: 392F / 200C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: HEATECH	Lab No: 02594750 Analyst: Lyle Dach Sample Date: 11/05/23 Received Date: 11/07/23 Completed: 11/14/23 Lyle Dach lyle.dach@HFSinclair.com
Chambers, AB CA Attn: Ivan Butynets Tel: E-Mail: ibutynets@peyto.com		

Recommendation: Sample results indicate that the fluid is good condition and is suitable for continued service. Resample in 12 months.

Comments:

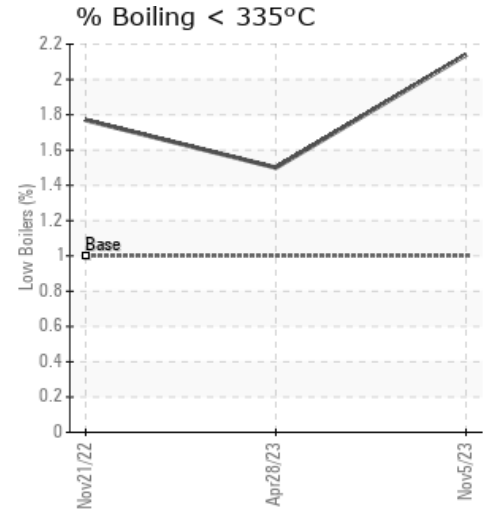
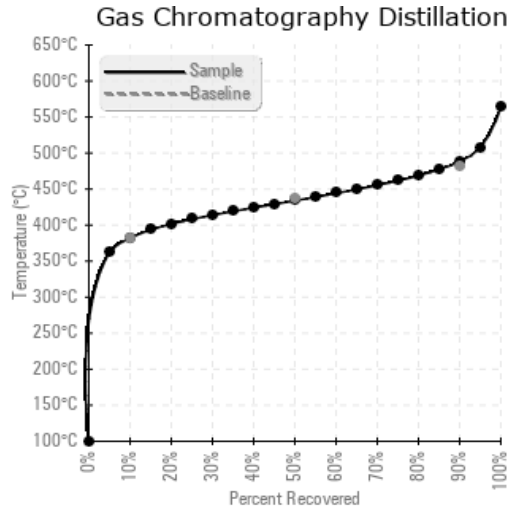
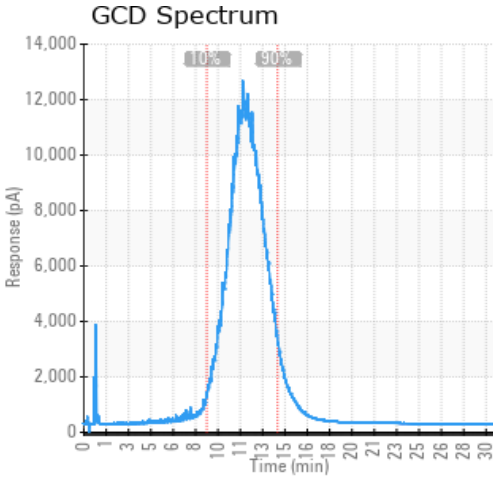
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/05/23	11/07/23	18.0m		482 / 250	1.9	34.7	0.00	0.030	719 / 382	813 / 434	911 / 488	2.14
04/28/23	05/05/23	2.0m		442 / 228	77.2	34.9	0.05	0.081	722 / 383	814 / 434	910 / 488	1.50
11/21/22	11/25/22	7.0m		439 / 226	19.5	34.9	0.01	0.024	723 / 384	814 / 435	911 / 488	1.77
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
11/05/23	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04/28/23	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/22	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Baseline Data</b>			0	0						0			0	0					0				0	

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



### Historical Comments

04/28/23	Sample results indicate that the fluid is in suitable condition for continued service. Resample in 12 months.
11/21/22	Sample results indicate that the fluid is in suitable condition for continued service. Resample in 12 months.

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