

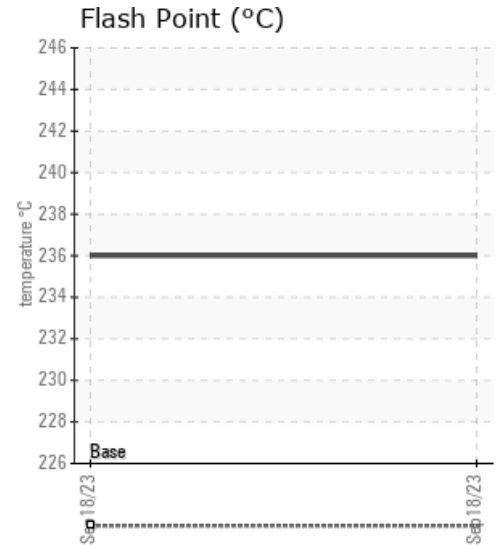
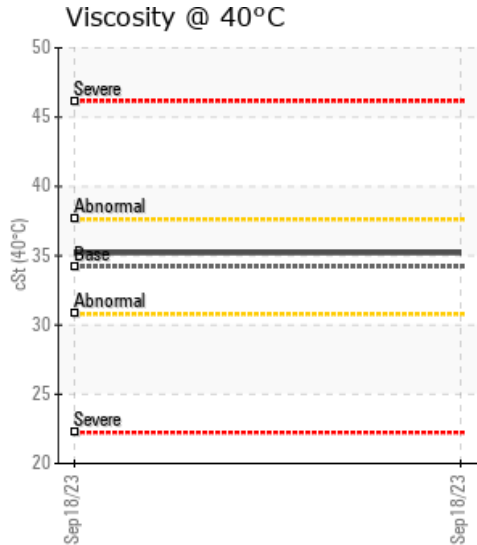
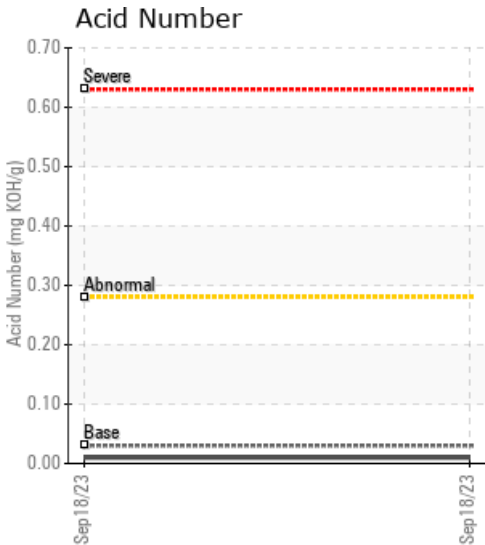
[7-27-51-19W5 / Ansel Gas Plant] UNUSED TOTE

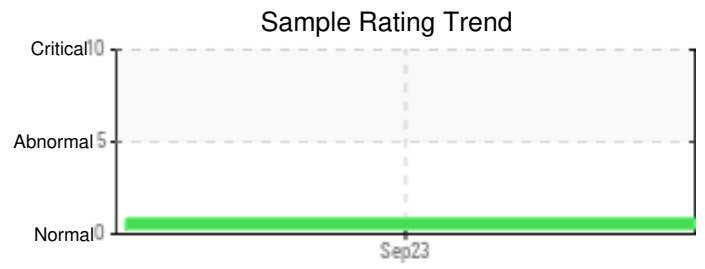
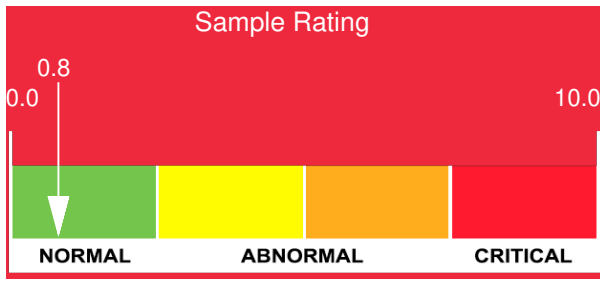
Customer: PTRHTF20103	System Information	Sample Information
CANADIAN NATURAL RESOURCES (CNRL) P.O. BOX 6808 EDSON, AB T7E 1L5 CA Attn: Rod Bailer Tel: E-Mail: rod.bailer@cnrl.com	System Volume: 1040 ltr Bulk Operating Temp: 446F / 230C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make:	Lab No: 02584575 Analyst: Clinton Buhler Sample Date: 09/18/23 Received Date: 09/21/23 Completed: 09/25/23 Clinton Buhler Clinton.Buhler@HFSinclair.com

Recommendation: Sample of fresh Petro-Therm from CNRL's spare IBC is in suitable condition for service.

Comments:

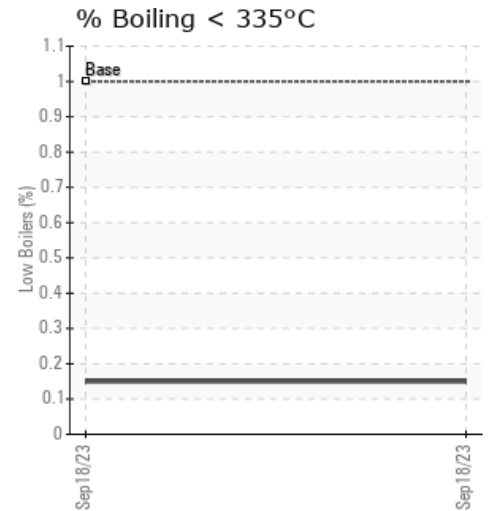
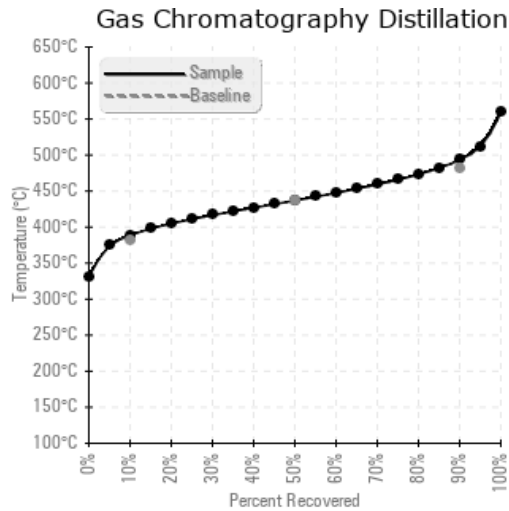
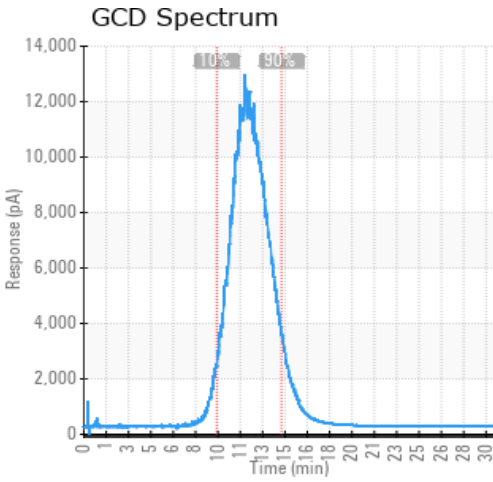
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
09/18/23	09/21/23	0.0m	unused - new product	457 / 236	26.1	35.2	0.01	0.022	731 / 388	818 / 437	920 / 493	0.15
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
09/18/23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7	8
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

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