

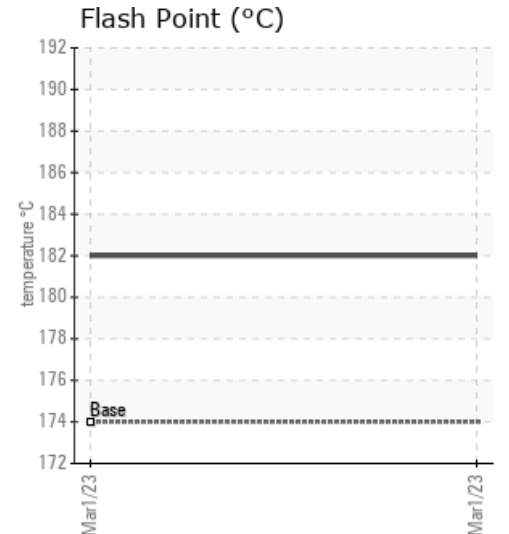
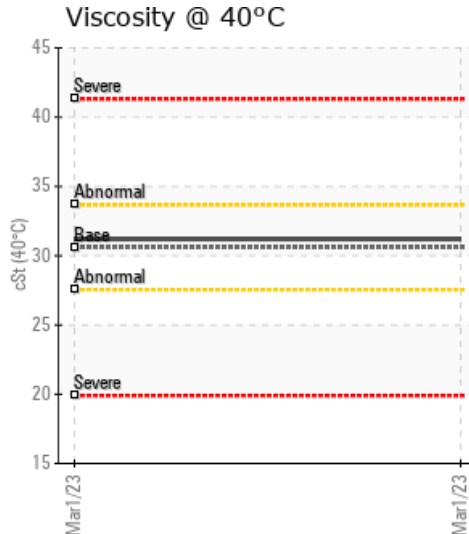
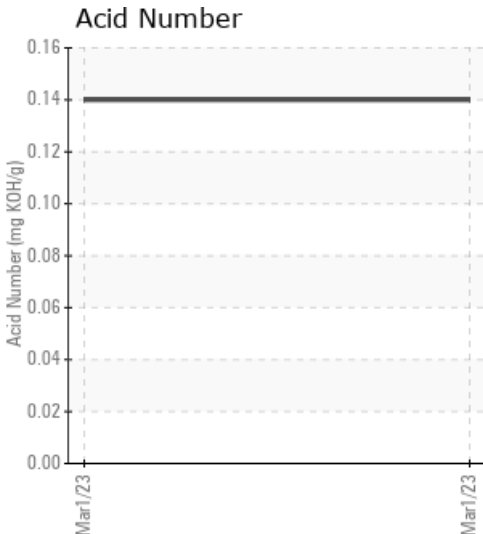
[D-44-L/94A-13] HEAT MEDIUM

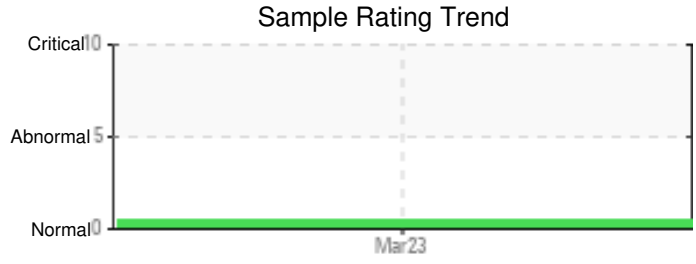
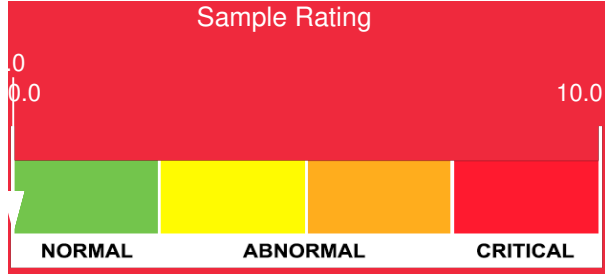
Customer: PTRHTF20277	System Information	Sample Information
AITKEN CREEK GAS STORAGE D-44-L/94-A-13 FORT ST JOHN, BC V1J 1Z9 Canada Attn: Ken Monaghan Tel: E-Mail: ken.monaghan@fortisbc.com	System Volume: 30000 ltr Bulk Operating Temp: 401F / 205C Heating Source: Blanket: Fluid: BRENNTAG CHEMTHERM 550 Make: HEATECH	Lab No: 02545236 Analyst: Clinton Buhler Sample Date: 03/01/23 Received Date: 03/14/23 Completed: 03/16/23 Clinton Buhler Clinton.Buhler@HFSinclair.com

Recommendation: Sample results would indicate that the fluid is in suitable condition for continued service. Please re-sample in 6 months to begin building a data trend.

Comments:

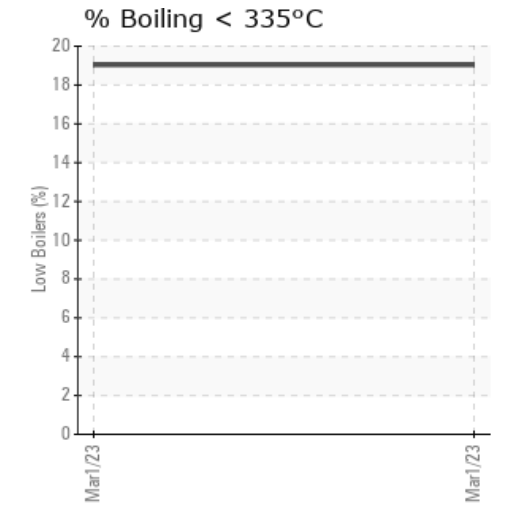
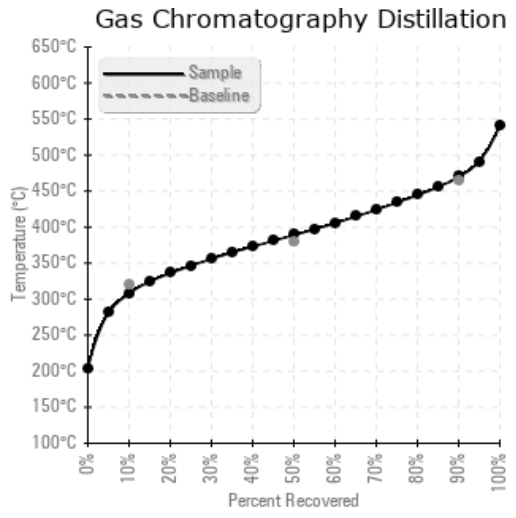
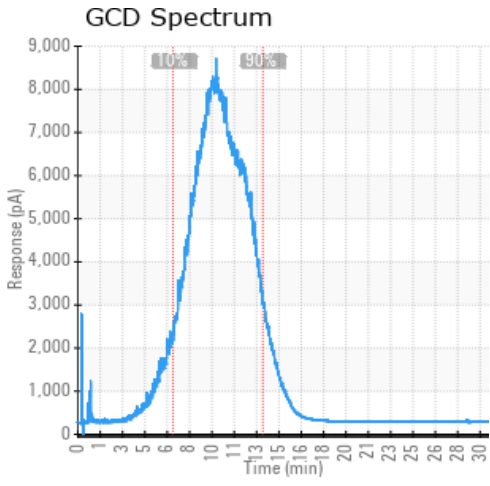
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
03/01/23	03/14/23	3.5y	PUMP DISCHARGE	360 / 182	6.6	31.2	0.14	0.218	586 / 308	732 / 389	877 / 470	19.03
Baseline Data				345 / 174		30.6			609 / 321	714 / 379	867 / 464	





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
03/01/23	39	0	0	0	0	0	2	0	0	0	0	0	5	0	0	0	0	0	0	0	0	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.