

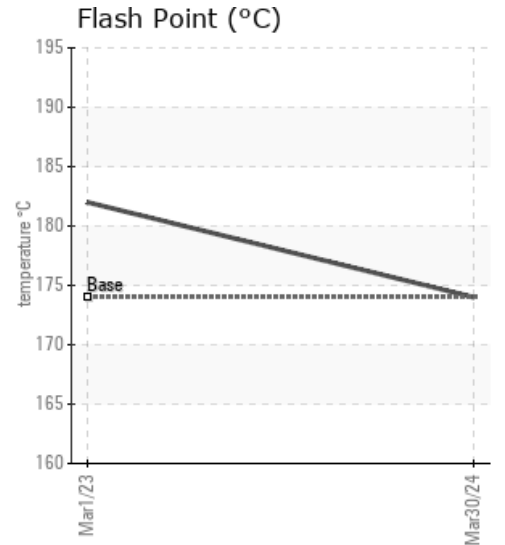
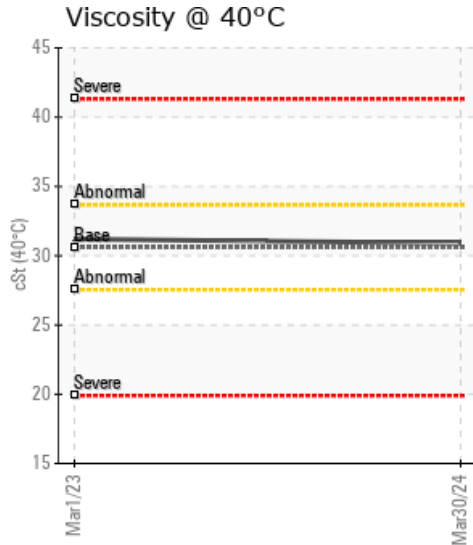
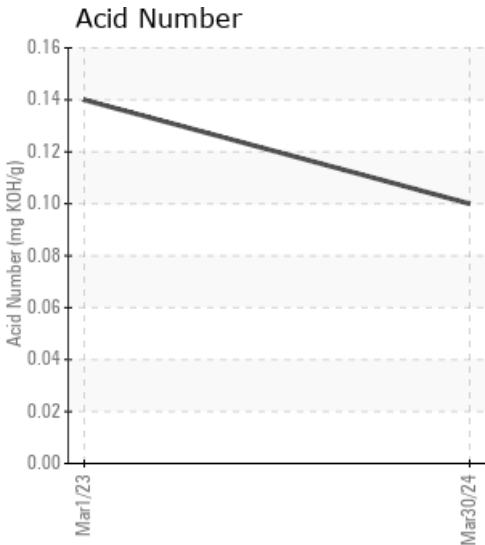
[Aitken Creen Gas Storage / D-44-L/94A-13] HEAT MEDIUM

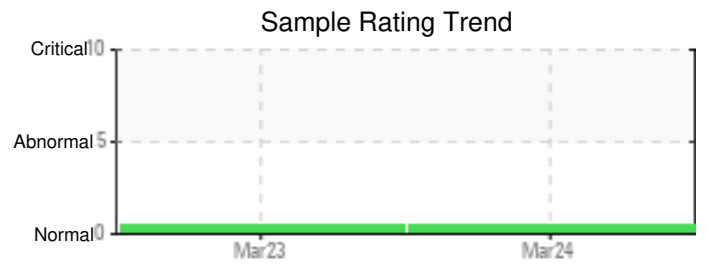
Customer: PTRHTF20277	System Information	Sample Information
Enbridge D-44-L/94-A-13 FORT ST JOHN, BC V1J 1Z9 CA Attn: Tanner Trent Tel: (250)263-2493 E-Mail: tanner.trent@enbridge.com	System Volume: 30000 ltr Bulk Operating Temp: 401F / 205C Heating Source: Blanket: Fluid: BRENNTAG CHEMTHERM 550 Make: HEATECH	Lab No: 02630816 Analyst: Clinton Buhler Sample Date: 03/30/24 Received Date: 04/22/24 Completed: 04/30/24 Clinton Buhler Clinton.Buhler@HFSinclair.com

Recommendation: Sample results indicate that the fluid is in suitable condition for continued service. Please re-sample in 12 months.

Comments:

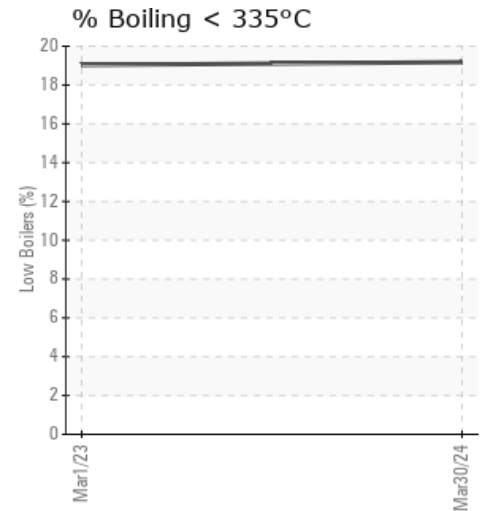
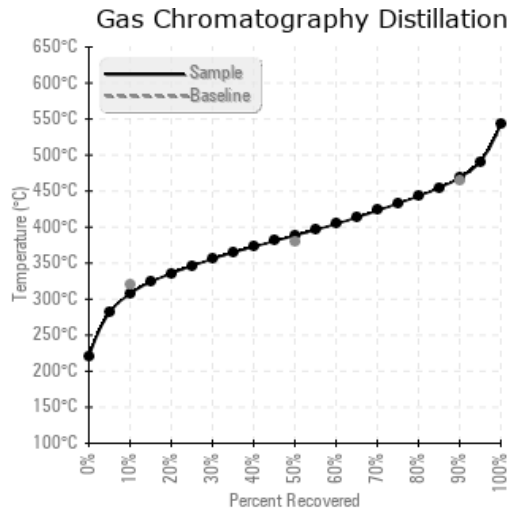
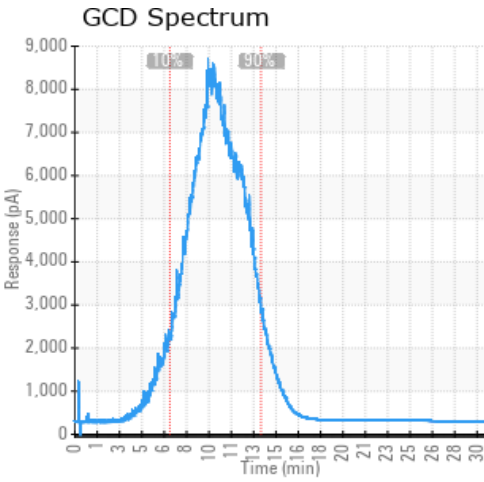
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
03/30/24	04/22/24	5.0y	pump discharge	345 / 174	65	30.9	0.10	0.051	586 / 308	731 / 388	875 / 468	19.18
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	
03/30/24	22	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
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	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

03/01/23	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.

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