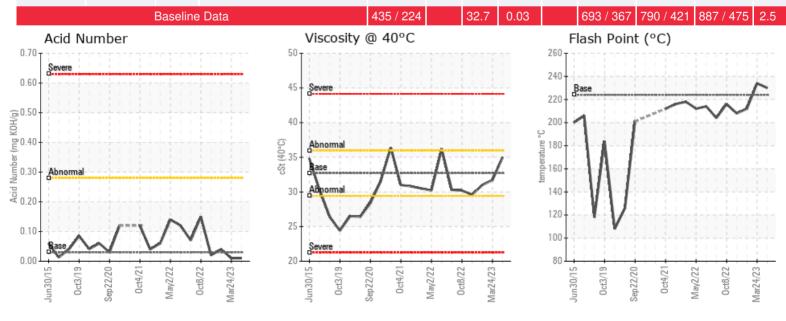
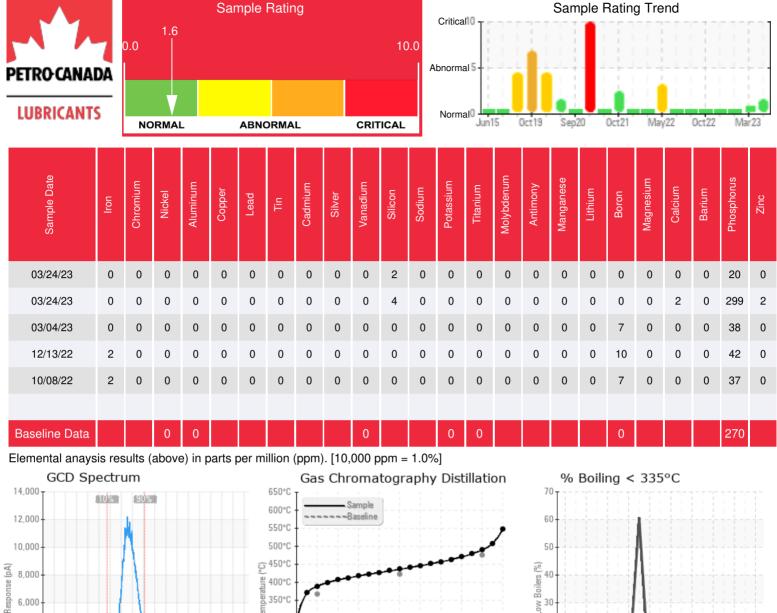


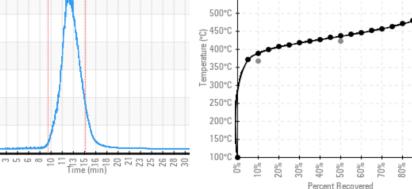
Recommendation: Fluid is in good condition overall. Sulfur, viscosity, 10% and 90% distillation are slightly high. Sample location could have affected the results, this sample was collected from the seal flush tank. Water content is low.

Comments: (GCD) 10% Distillation Point is marginally high. (GCD) 90% Distillation Point is marginally high.

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	%
03/24/23	04/05/23	0.0m	18-06	446 / 230	120.6	35.0	0.01	0.031	731 / 388	817 / 436	913 / 490	1.27
03/24/23	04/05/23	24.0m		453 / 234	13.7	31.7	0.01	0.028	725 / 385	808 / 431	902 / 483	1.41
03/04/23	03/13/23	20.0m		414 / 212	16.5	31.0	0.04	0.036	701 / 372	804 / 429	900 / 482	2.47
12/13/22	12/22/22	18.0m	after pump discharge	406 / 208	49.2	29.6	0.02	0.045	706 / 375	806 / 430	901 / 483	1.83
10/08/22	10/17/22	0.0m		421 / 216	117.9	30.2	0.15	0.355	704 / 373	804 / 429	898 / 481	2.29





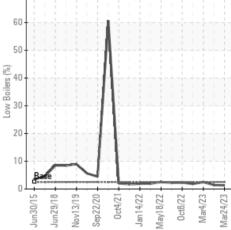


6,000

4,000

2,000

0



**Historical Comments** 

03/24/23	Sample results indicate that the fluid is in very good condition and would be suitable for continued service. Water content is very low, 10% distillation of 385°C would be considered within spec of new fluid. Resample in 12 months. (GCD) 10% Distillation Point is marginally high.
03/04/23	Fluid looks to be in very good condition and is suitable for continued use. Water content continues to drop, venting program appears to be working well. Resample in 6 months.
12/13/22	Units are being sampled at very short intervals recommended sampling for heat transfer systems with no issues is 12 months. Sample results indicate that the fluid is in suitable condition for continued service. Resample in 12 months.
10/08/22	Sample results indicate that the fluid is in good condition and is suitable for continued service. Pentane insolubles are up slightly from the last sample. Resample in 12 months.

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