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Recommendation: Sample results indicate that the heat transfer fluid is suitable for continued service. However, there is 722ppm of water in the sample. this could indicate that the sample point and hardware may not have been purged thoroughly prior to taking the sample or, if a representative sample, indicates water contamination. Carefully vent off steam from system to get rid of the water. Re-sample in 6 months after water has been safely vented from the system.

Fluid: PETRO CANADA PETRO-THERM

Received Date: 04/29/20

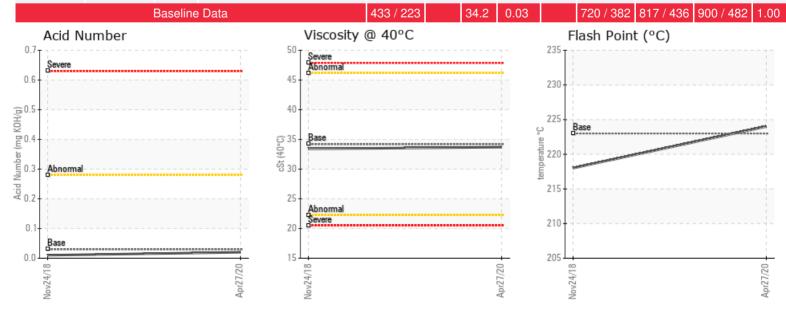
Bill Quesnel CLS, OMA II, MLA-III, LLA-I

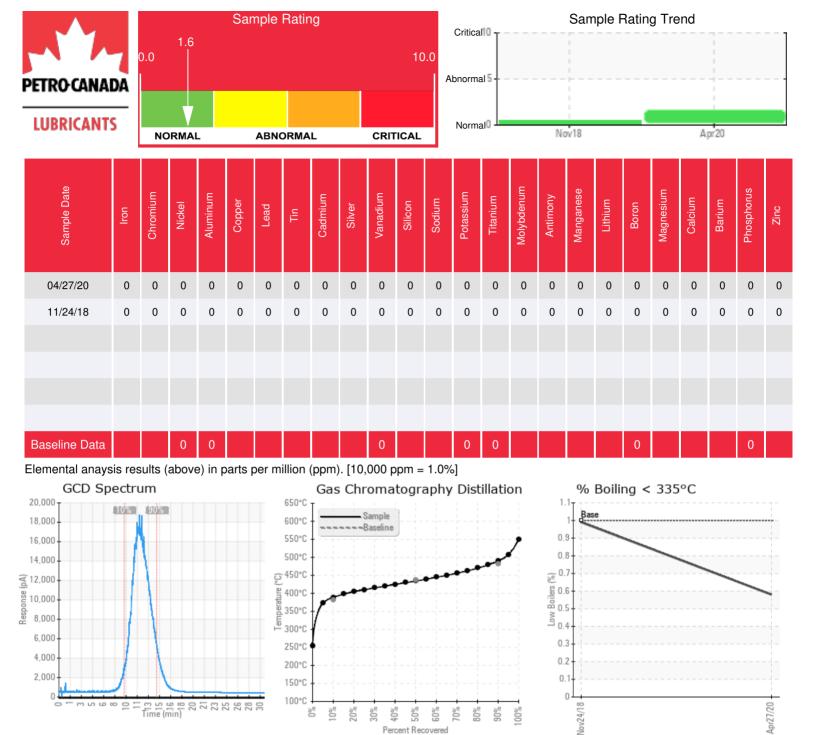
Completed: 08/12/20

Comments: Water contamination levels are abnormally high. ppm Water contamination levels are abnormally high.

Make:

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	%
04/27/20	04/29/20	17m	EXPANSION TANK SUCTI	435 / 224	722.6	33.7	0.02	0.060	731 / 389	814 / 434	913 / 489	0.58
11/24/18	12/18/18	3m		424 / 218	123.3	33.4	0.01	0.044	720 / 382	807 / 431	910 / 488	0.99





Percent Recovered

Historical Comments The fluid is in excellent condition and suitable for further use. Please re-sample in 6 months. 11/24/18

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