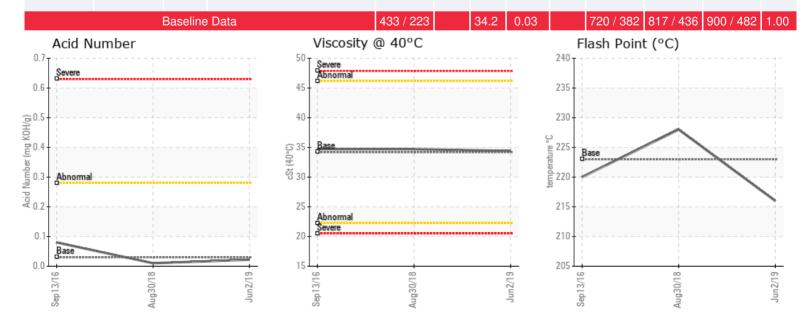
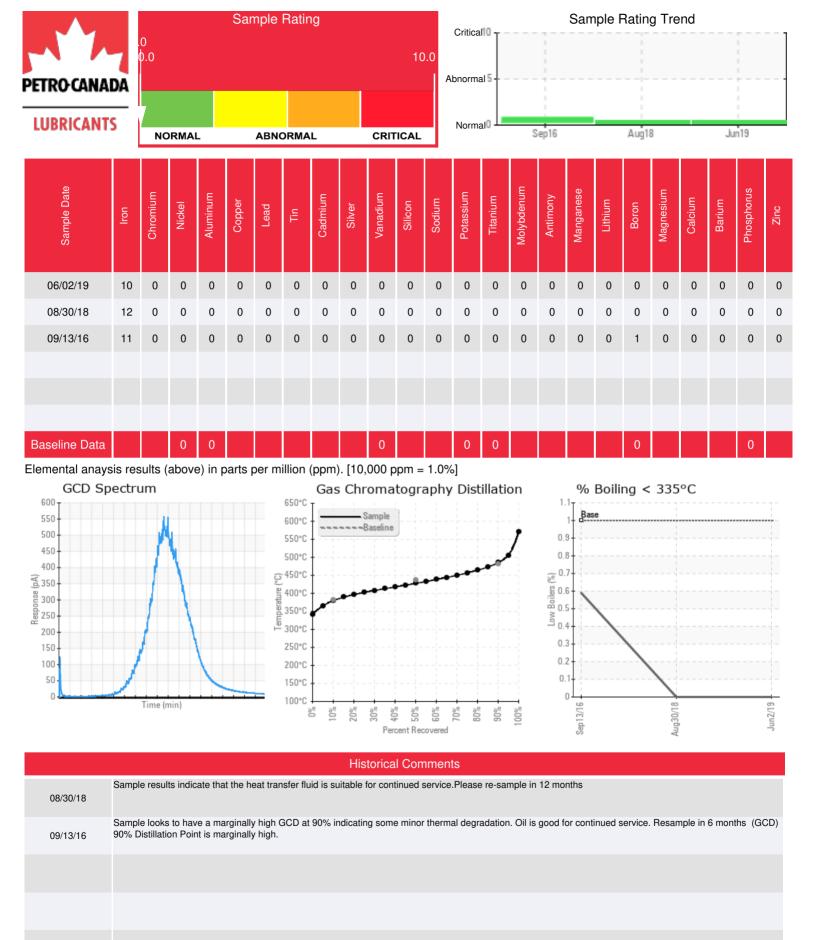


Recommendation: Sample results indicate the heat transfer fluid is suitable for continued service. Please re-sample after another 12 months of fluid service.

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	%
06/02/19	07/16/19	5y	CIRCULATING PUMP DIS	421 / 216	60.6	34.4	0.022	0.065	715 / 379	801 / 427	904 / 485	0.00
08/30/18	09/07/18	4y	DISCHARGE OF PUMP	442 / 228	78.9	34.7	0.01	0.059	721 / 383	808 / 431	916 / 491	0.00
09/13/16	09/21/16	23y	PUMP DISCHARGE	428 / 220	115.7	34.7	0.08	0.083	720 / 382	814 / 434	922 / 495	0.59





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