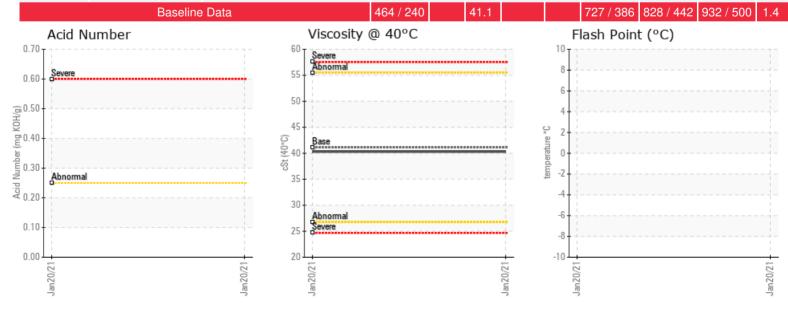
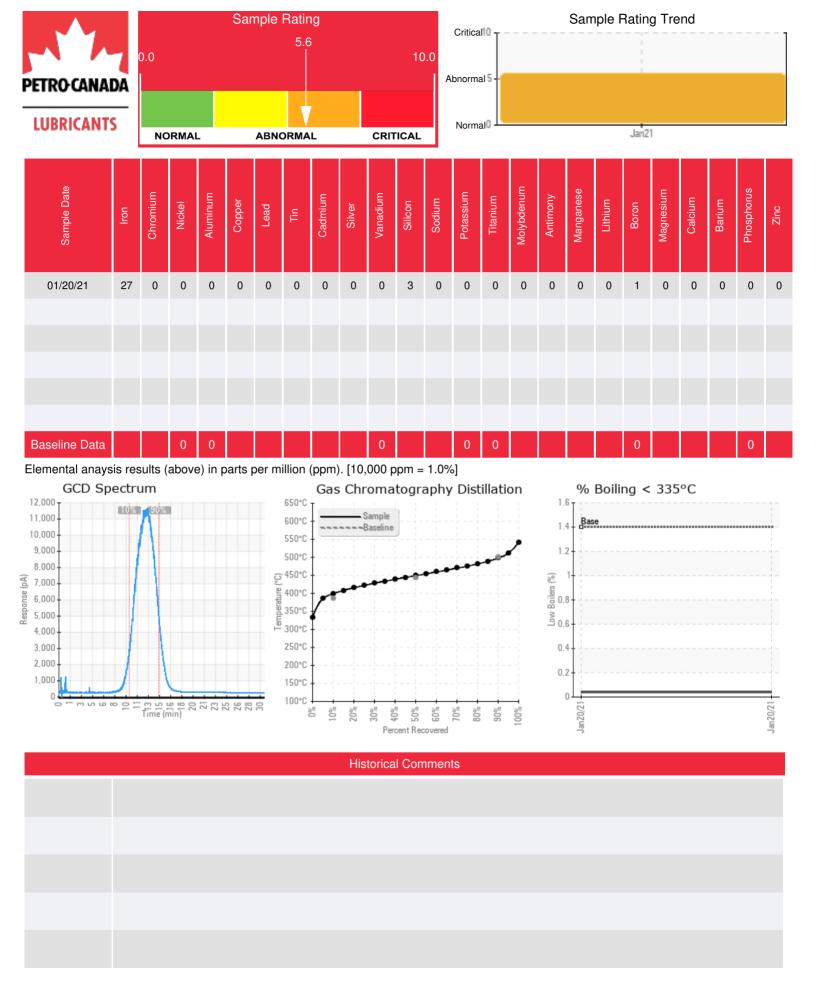


Recommendation: Sample results indicate excessive water contamination of the heat transfer fluid. Water in oil is >6,000 ppm and the sample contains approx. 10% free water. Water may be from cross contamination and/or a sample being pulled from a low spot or dead leg. If representative, this much water would pose a safety risk due to boil over. Drain any low spots of the system to remove any excess water. Beyond the water contamination, the fluid is suitable for continued service. Please re-sample immediately but only after ensuring that the sample is being drawn from a hot and turbulent zone (pump discharge is ideal) and any free water is drained off. Ensure that the sample valve and any related piping or tubing is thoroughly purged PRIOR to filling the sample container.

Comments: Water contamination levels are severely 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	%
01/20/21	01/28/21	2.5y			6052.6	40.3			750 / 399	840 / 449	927 / 497	0.04





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