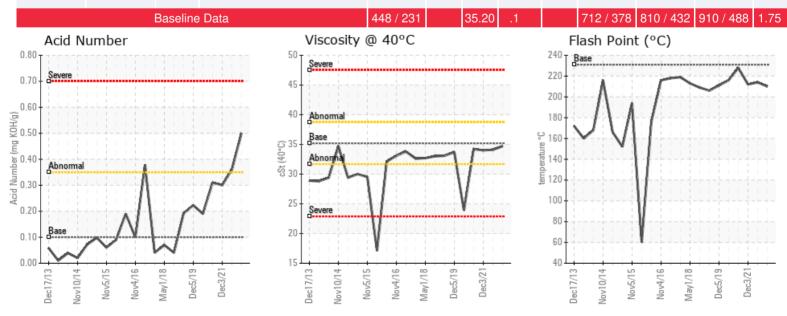
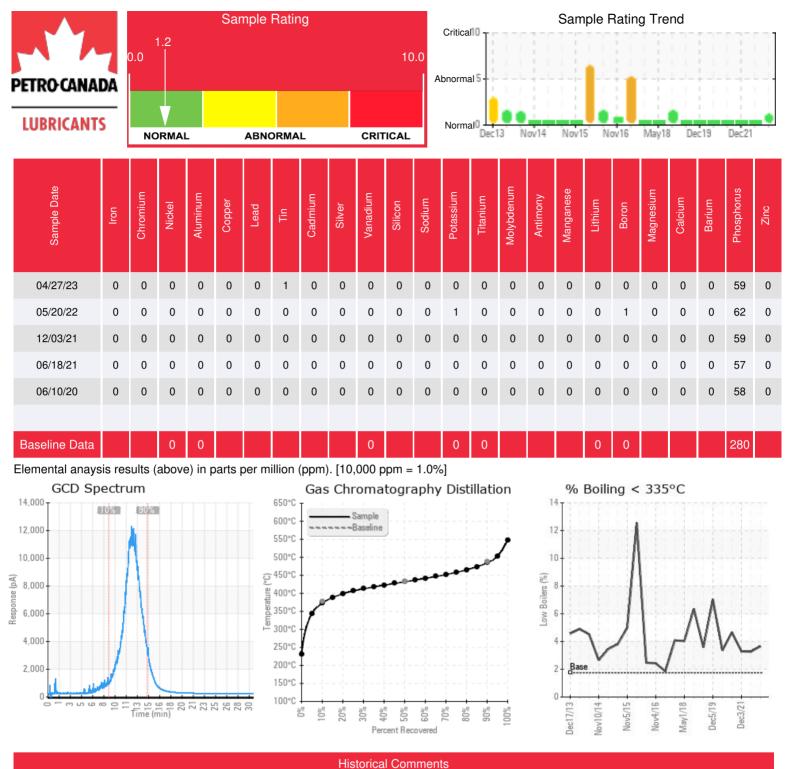


Recommendation: Sample shows no signs of wear or contamination. Acid number for this sample is high, but it does not appear that has any ill effect on the fluid or system, yet. There's no indication of how old the oil in the system is, but it may be time to consider replacing the fluid before the higher concentration of acids leads to adverse effects within the system. Otherwise the current fluid appears to be suitable for use. Please resubmit for testing in 12 months.

Comments: Acid Number (AN) is abnormally 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	%
04/27/23	05/10/23	0.0m		410 / 210	77.0	34.7	0.50	0.205	702 / 372	809 / 432	904 / 484	3.66
05/20/22	05/31/22	0.0m		417 / 214	27.1	34.1	0.36	0.153	705 / 374	810 / 432	905 / 485	3.27
12/03/21	12/13/21	0.0m		414 / 212	36.5	34.0	0.30	0.134	706 / 374	810 / 432	905 / 485	3.29
06/18/21	06/24/21	0.0m		442 / 228	39.8	34.2	0.31	0.103	686 / 363	795 / 424	905 / 485	4.67
06/10/20	06/29/20	0.0m		421 / 216	13.2	23.9	0.19	0.277	706 / 374	811 / 433	904 / 484	3.36





05/20/22	Sample indicates no signs of wear, contamination or fluid degradation. This fluid is suitable for continued use, please resample and submit for testing in 12 months.N/A
12/03/21	Sample is in good condition and indicates oil is suitable for continued use. Please resubmit for testing in one year.N/A
06/18/21	Results indicate that this system and fluid are in good condition, and the fluid is suitable for continued use. Please resubmit sample in 12 months for testing.N/A
06/10/20	Fluid is suitable for continued use. Please resubmit for testing in one year. Very light white metal, silt and debris noted by lab. Consider checking system filters and changing them if necessary.

Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.