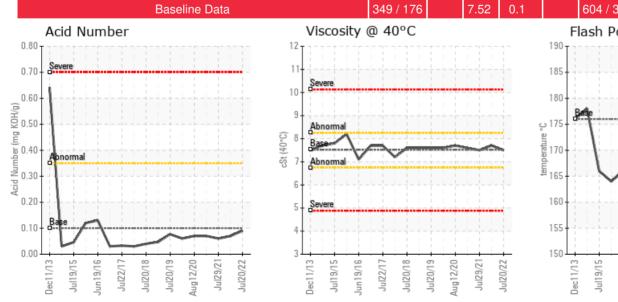


Recommendation: Results Normal. No action needed at this time. Resample at next scheduled date.

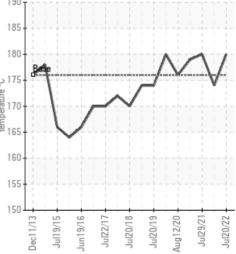
Comments:

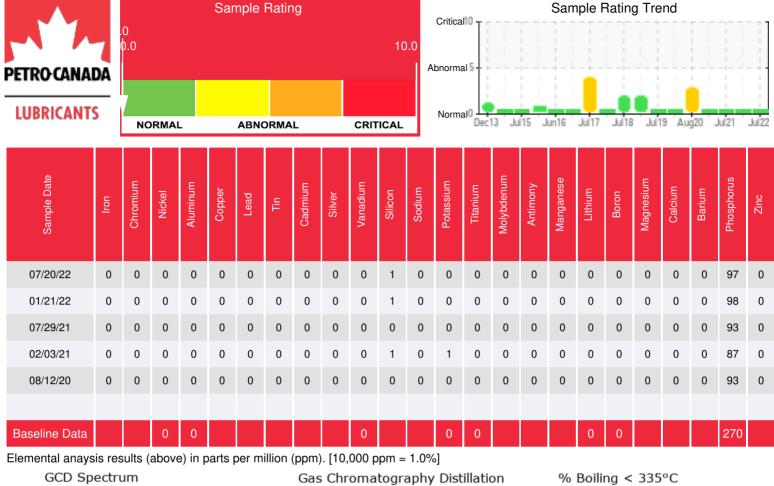
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%
07/20/22	08/22/22	9.0y	08-28-078-10W4M L4 D	356 / 180	0.00	7.5	0.09	0.016	611 / 322	642 / 339	735 / 391	44.06
01/21/22	02/04/22	0.0y	system header	345 / 174	4.4	7.7	0.07	0.014	611 / 321	642 / 339	735 / 391	44.04
07/29/21	08/10/21	0.0y	pit 12d-0285	356 / 180	10.3	7.5	0.06	0.035	613 / 323	642 / 339	733 / 390	40.73
02/03/21	02/24/21	0.0y	Bott. of tracer tree	354 / 179	25.3	7.6	0.07	0.095	612 / 322	642 / 339	738 / 392	42.98
08/12/20	08/31/20	0.0y	PT0285	349 / 176	7.3	7.7	0.07	0.037	612 / 322	643 / 339	736 / 391	42.85

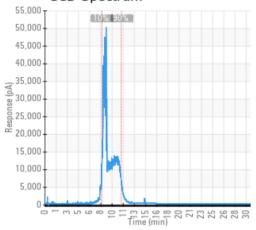


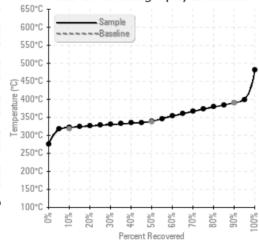


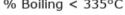
Flash Point (°C)

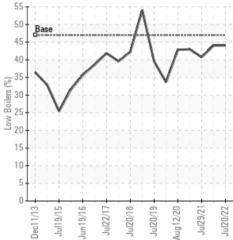












Historical Comments						
01/21/22	Fluid is in good condition and suitable for continued use. Resample in 6 months.					
07/29/21	Fluid is in good condition and is suitable for continued use. Resample in 6 months.					
02/03/21	Fluid is in good condition and good for continued use. Resample in 6 months					
08/12/20	The presence of metal fines may indicate process pump, mechanical seal, or valve wear. Pipe slag, bits of welding beads, sand, etc. are commonly found: a) in new systems after startup, or b) in older systems that have not been filtered.Insoluble solids measurements in excess of 50mg solids/100ml fluids, and especially in excess of 250mg solids/100ml fluids of particles above 10pm, call for installation of slip-stream filtration in the system where a modest pressure drop is available to filter a low flow wilp stream (less than 1% of the main flow rate). This will minimize wear on mechanical components such as pumps and valves. While the sample has shown low or negligible elemental (Wear Metal) results, the system can benefit from early intervention with a low flow, off-line (aka kidney-loop) filtration procedure. Resample after filtration.					

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