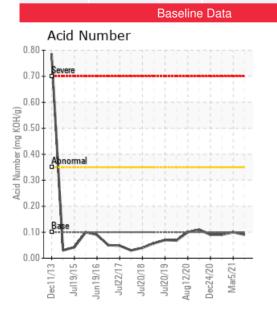
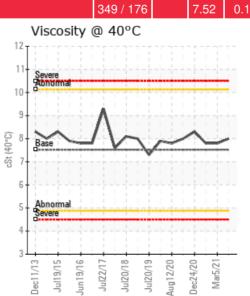


Recommendation: Fluid is in good condition and is suitable for continued use. Resample in 6 months.

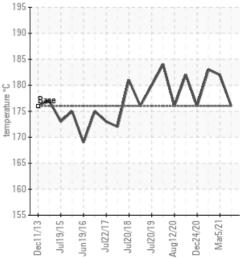
Comments:

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	%
07/29/21	08/10/21	0.0y	12B pit 0285	349 / 176	14.4	8	0.09	0.038	614 / 323	648 / 342	737 / 392	39.38
03/05/21	03/16/21	0.0y		360 / 182	0.00	7.8	0.10	0.045	609 / 321	647 / 342	739 / 393	43.41
02/03/21	02/24/21	0.0y	Bott. of tracer tree	361 / 183	111.0	7.8	0.09	0.046	612 / 322	651 / 344	740 / 393	39.59
12/24/20	01/04/21	0.0y		349 / 176	41.5	8.3	0.09	0.037	611 / 322	649 / 343	740 / 393	41.77
12/24/20	01/04/21	0.0y	Return tree	360 / 182	12.0	8.0	0.11	0.038	612 / 322	649 / 343	739 / 393	41.15

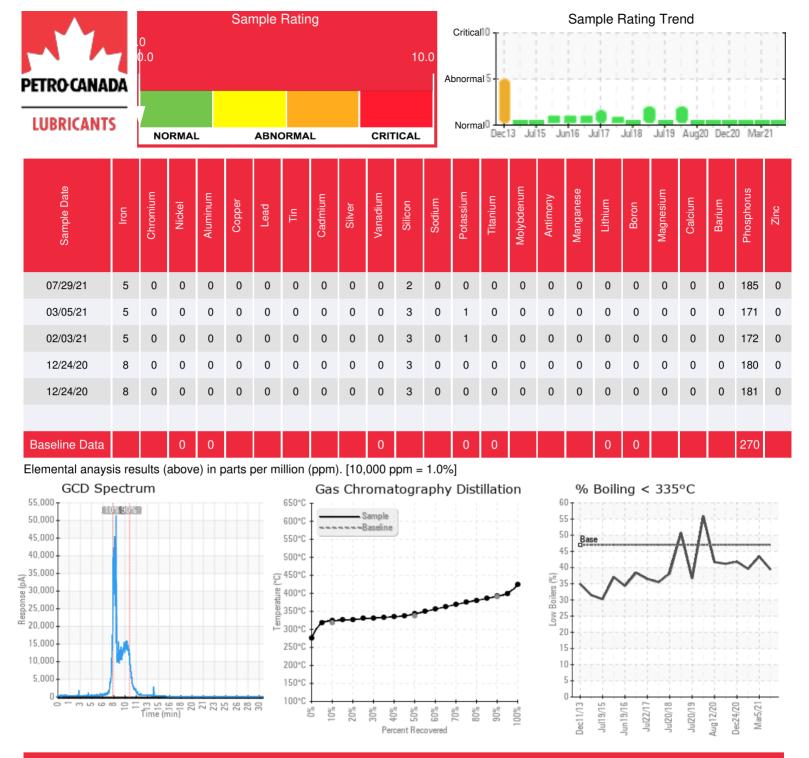




Flash Point (°C)



604 / 318 640 / 338 734 / 390 47.0



Historical Comments

03/05/21	This oil appears to be in very good condition. GCD's all look normal, Pentane Insolubles are low. Flash point is at new oil spec.
02/03/21	Fluid is in good condition and good for continued use. Resample in 6 months
12/24/20	Fluid in very good condition. This is the second of two samples that were taken December 24 and therefore has almost identical results compared to the first one.
12/24/20	Fluid is in very good condition. No change since the previous sample in August 2020. Chlorine content 4.7 ppm

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.