

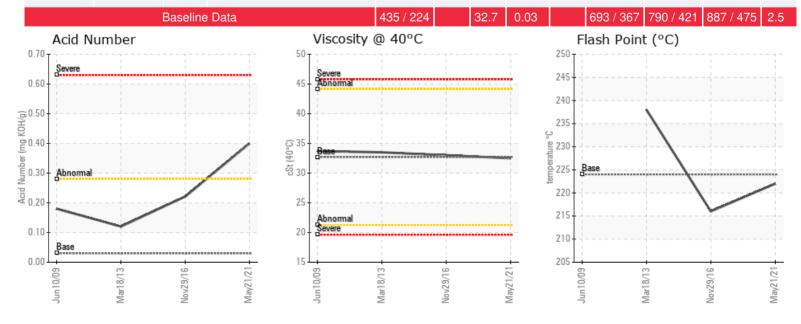
B05-51

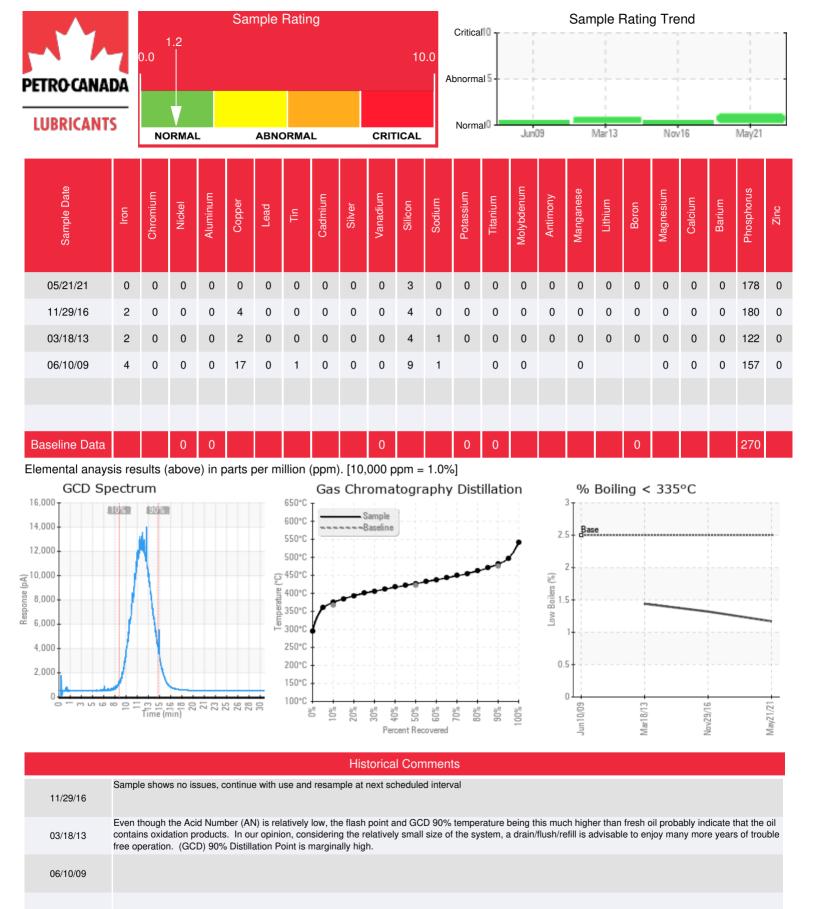
Customer: PTRHTF10011	System Information	Sample Information
G.F.S. CHEMICAL	System Volume: 50 gal	Lab No: 02448264
851 Mckinley Avenue	Bulk Operating Temp: 350F / 177C	Analyst: Joe Goecke
COLUMBUS, OH 43222 USA	Heating Source:	Sample Date: 05/21/21
Attn: Jamie Walters	Blanket:	Received Date: 10/05/21
Tel: (800)446-4910	Fluid: PETRO CANADA CALFLO AF	Completed: 10/08/21
E-Mail: jamie@gfschemicals.com	Make: CHROMALOX	Joe Goecke
		Joe.goecke@hollyfrontier.com

Recommendation: Acid Nubmer seeing a slight uptick and is double the pervious sample. However given the time and all other parameters being normal I recommend continued use and resample at next scheduled date.

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	%
05/21/21	10/05/21	12.0y		432 / 222	17.8	32.5	0.40	0.161	706 / 374	800 / 427	898 / 481	1.17
11/29/16	12/20/16	0.0y		421 / 216	23.0	33.0	0.221	0.067	701 / 371	802 / 428	899 / 482	1.32
03/18/13	03/28/13	0.0y	RECIRC LINE	460 / 238	39.1	33.5	0.12	0.127	705 / 374	809 / 432	906 / 485	1.44
06/10/09	06/10/09					33.7	0.18					





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