

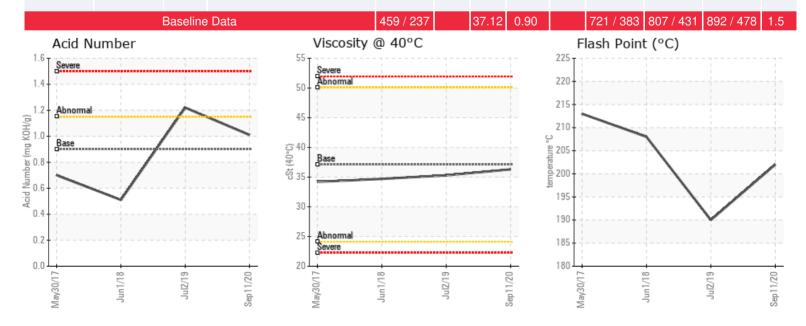
## **FERROLLI**

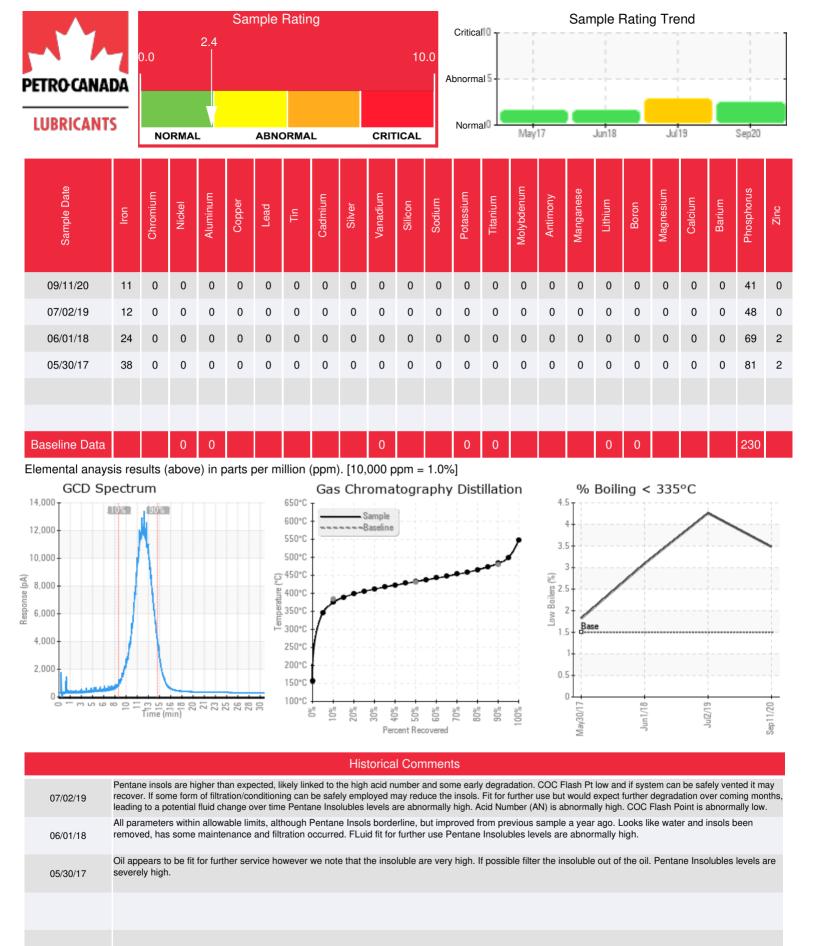
Customer: PTRHTF40007	System Information	Sample Information			
BONFAIT	System Volume: 0 ltr	Lab No: 02376399			
FARADAYWEG 2	Bulk Operating Temp: 0F / -18C	Analyst: Matthias Voss			
OVERIJSSEL	Heating Source:	Sample Date: 09/11/20			
DENEKAMP, OVE NETHERLANDS	Blanket:	Received Date: 09/17/20			
Attn: Maintenance Manager	Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID	Completed: 09/22/20			
Tel:	Make: WANSON	Matthias Voss			
E-Mail:		Matthias.Voss@petrocanadalsp.com			

Recommendation: Oil appears to be fit for further use however we note that the insoluble are very high. If possible filter the insoluble out of the oil.

Comments: Pentane Insolubles 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	%
09/11/20	09/17/20	13y		396 / 202	34.1	36.3	1.01	0.642	705 / 374	810 / 432	901 / 483	3.48
07/02/19	07/09/19	12y		374 / 190	42.6	35.3	1.22	0.476	692 / 366	801 / 427	893 / 479	4.26
06/01/18	06/08/18	11y		406 / 208	28.5	34.7	0.51	0.414	703 / 373	801 / 427	890 / 477	3.09
05/30/17	06/02/17	10y		415 / 213	41.1	34.2	0.70	0.805	713 / 378	813 / 434	902 / 483	1.82





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