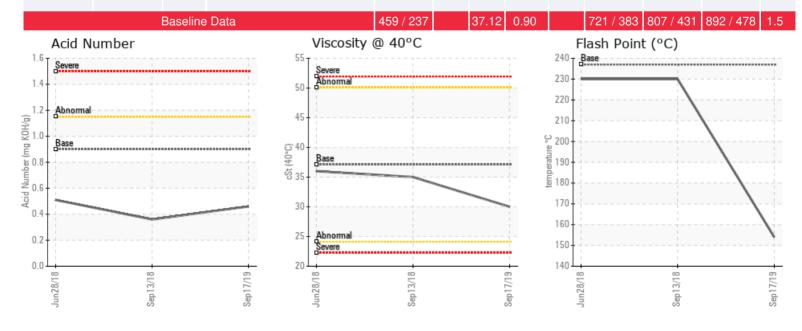


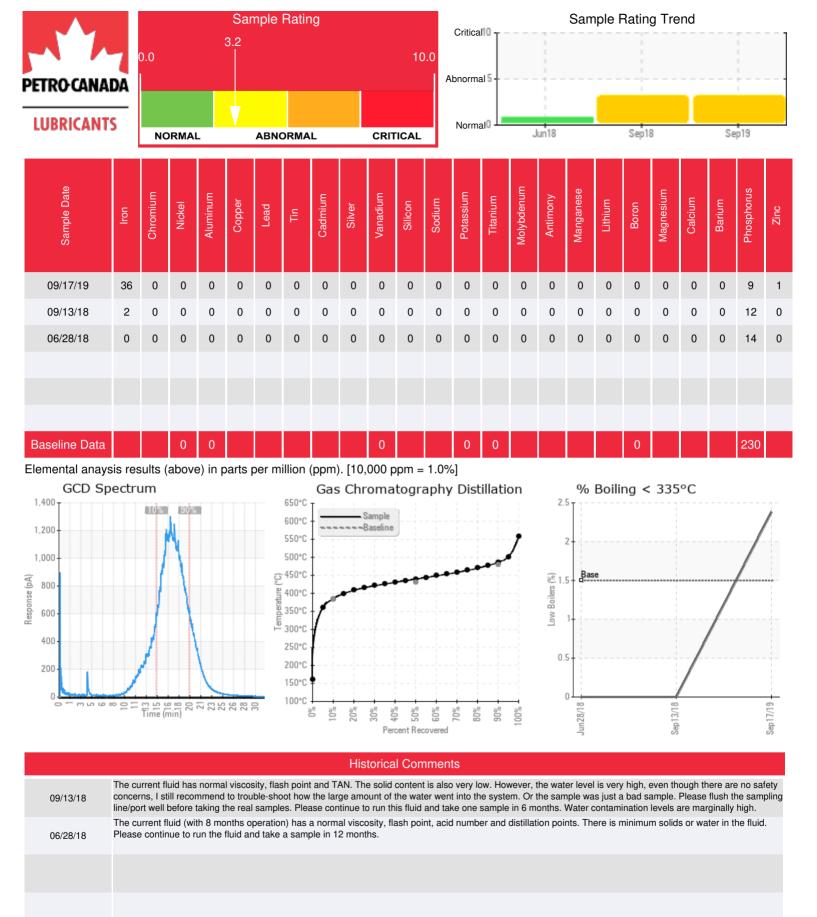
Customer: PTRHTF60010	System Information	Sample Information
SYNLUBE INTERNATIONAL CO LTD	System Volume: 20910 ltr	Lab No: 02312786
76/1 MOO.7 THACHIN	Bulk Operating Temp: 554F / 290C	Analyst: Philip Riley
MUANG SAMUTSAKHON, 74000	Heating Source:	Sample Date: 09/17/19
THAILAND	Blanket:	Received Date: 10/04/19
Attn: Kittisak Suthithanakom	Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID	Completed: 10/17/19
Tel: 6(681)850-1907	Make: HAVOL	
E-Mail: kittisak@synlube.co.th		

Recommendation: Flash Pt very low. If the product can be safely vented to remove light molecules this should be done and a sample taken afterwards to check if there is recovery of the flash point. If not then should consider an oil change

Comments: Water contamination levels are abnormally high. ppm Water contamination levels are abnormally high. COC Flash Point is severely low.

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	%
09/17/19	10/04/19	21m		309 / 154	613.3	30.0	0.460	0.097	724 / 385	823 / 439	907 / 486	2.38
09/13/18	10/02/18	6m		446 / 230	372.0	35.0	0.36	0.045	728 / 387	811 / 433	890 / 477	0.00
06/28/18	07/13/18	0m	SUPPLY	446 / 230	0.00	36.0	0.51	0.009	724 / 385	789 / 420	868 / 464	0.00





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