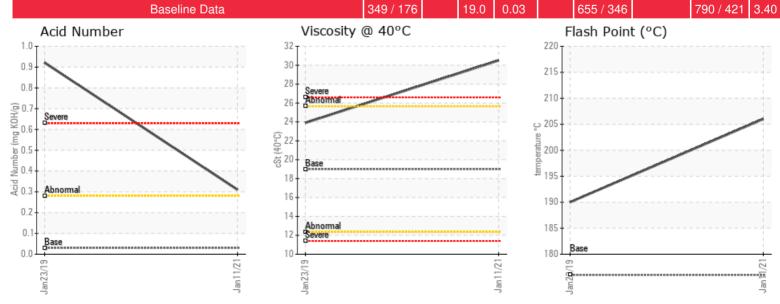


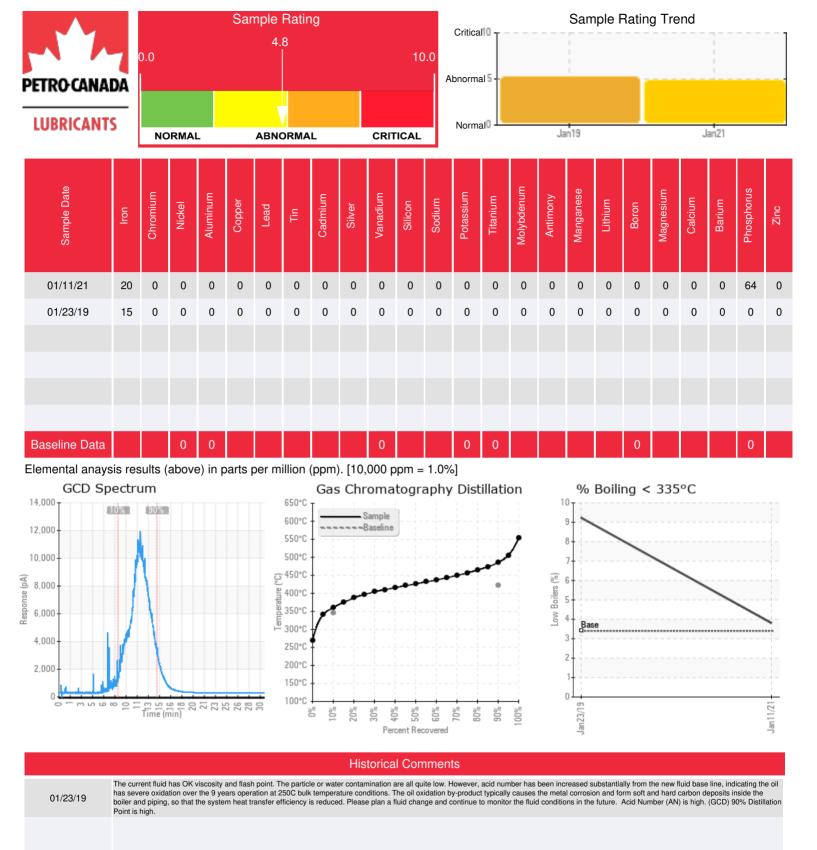
Customer: PTRHTF60010	System Information	Sample Information
SYNLUBE INTERNATIONAL CO LTD	System Volume: 12000 ltr	Lab No: 02399574
76/1 MOO.7 THACHIN	Bulk Operating Temp: 482F / 250C	Analyst: Philip Riley
MUANG SAMUTSAKHON, 74000	Heating Source:	Sample Date: 01/11/21
THAILAND	Blanket:	Received Date: 01/25/21
Attn: CHERNPORN CHOBKUI	Fluid: EASTMAN THERMINOL 55	Completed: 02/08/21
Tel: 034421290	Make:	Philip Riley
E-Mail: chernporn@synlube.co.th		philip.riley@hollyfrontier.com

Recommendation: Unfamiliar with chemistry of competitor products and cannot comment with full confidence on actual results. However, it can be seen from the GCD Distillation there is evidence of fluid thermal cracking. Other parameters are also off spec in relation to viscosity, GCD boiling range, acid number

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	%
01/11/21	01/25/21	15m		403 / 206	19.5	30.5	0.31	0.177	680 / 360	799 / 426	905 / 485	3.81
01/23/19	02/27/19	9m	SUPPLY ROOM	374 / 190	49.7	23.9	0.921	0.148	636 / 335	693 / 367	835 / 446	9.23





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