

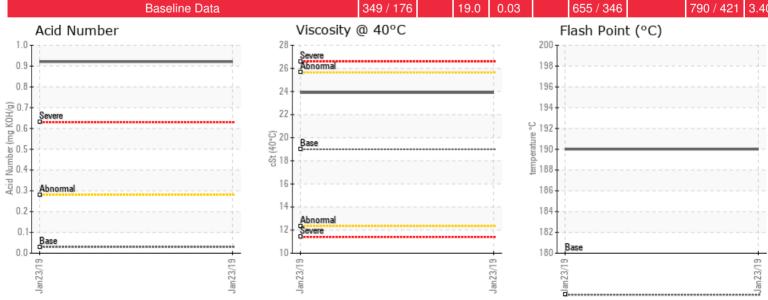
EAIM E-SIRI FURTHER 1

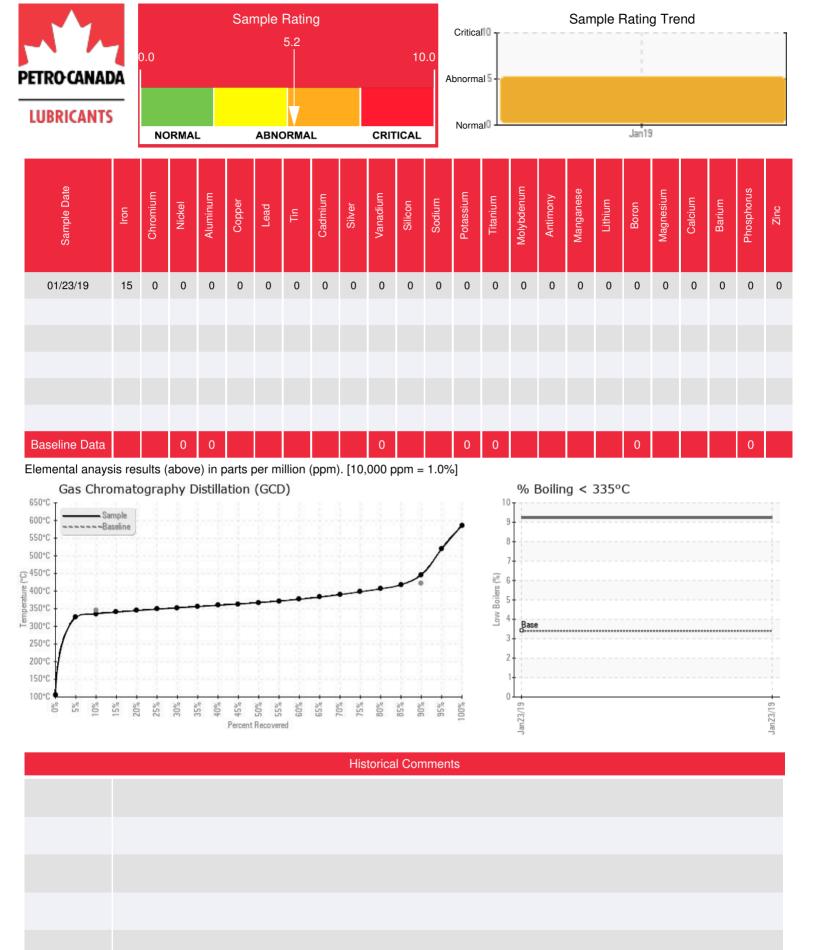
Customer: PTRHTF60010	System Information	Sample Information
SYNLUBE INTERNATIONAL CO LTD	System Volume: 12000 ltr	Lab No: 02270299
76/1 MOO.7 THACHIN	Bulk Operating Temp: 482F / 250C	Analyst: Yutong Gao
MUANG SAMUTSAKHON, 74000	Heating Source:	Sample Date: 01/23/19
THAILAND	Blanket:	Received Date: 02/27/19
Attn: CHERNPORN CHOBKUI	Fluid: MONSANTO THERMINOL 55	Completed: 03/06/19
Tel: 034421290	Make:	
E-Mail: chernporn@synlube.co.th		

Recommendation: The current fluid has OK viscosity and flash point. The particle or water contamination are all quite low. However, acid number has been increased substantially from the new fluid base line, indicating the oil has severe oxidation over the 9 years operation at 250C bulk temperature conditions. The oil oxidation by-product typically causes the metal corrosion and form soft and hard carbon deposits inside the boiler and piping, so that the system heat transfer efficiency is reduced. Please plan a fluid change and continue to monitor the fluid conditions in the future.

Comments: Acid Number (AN) is high. (GCD) 90% Distillation Point is high.







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