

TOH PLANT 1

Customer: PTRHTF60010

SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN

MUANG SAMUTSAKHON, 74000

THAILAND

Attn: CHERNPORN CHOBKUI

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System Information

System Volume: 100000 ltr

Bulk Operating Temp: 662F / 350C

Heating Source:

Blanket:

Fluid: PTT HITEMP 500

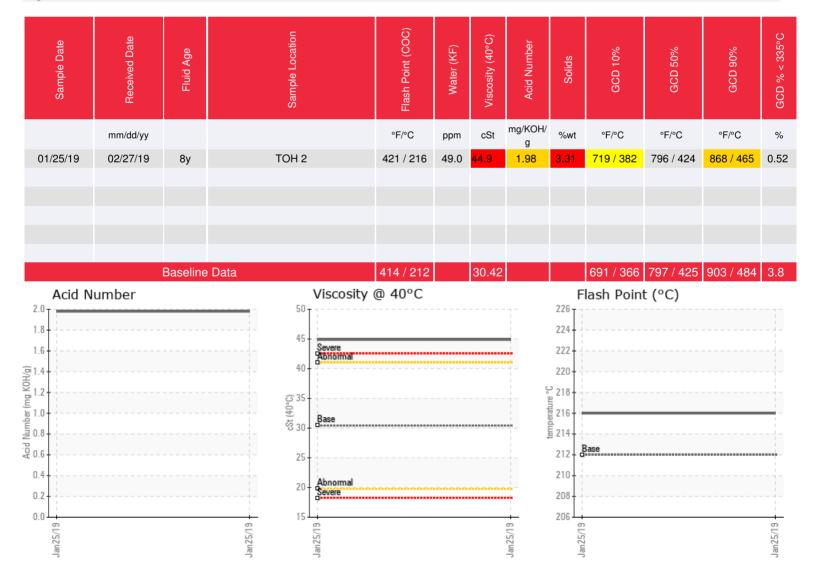
Make:

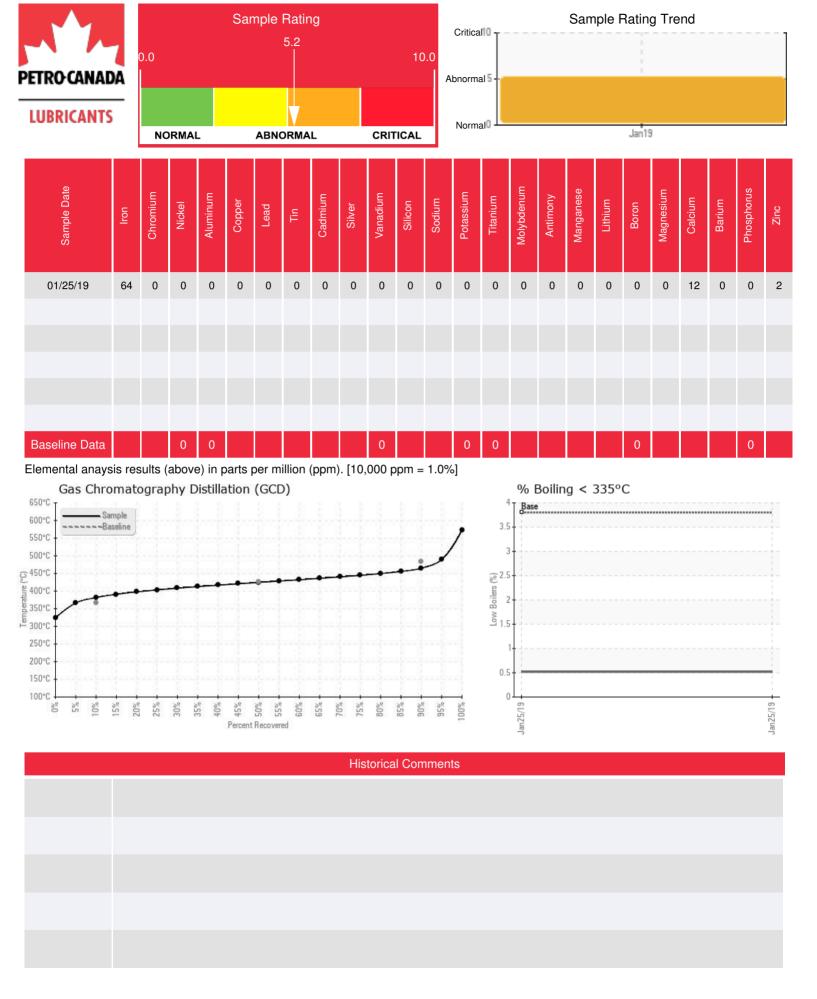
Sample Information

Lab No: 02270304 Analyst: Yutong Gao Sample Date: 01/25/19 Received Date: 02/27/19 Completed: 03/19/19

Recommendation: Please confirm the fluid bulk temperature. The 350C in this report might not be correct. PTT Hitemp 500 fluid has a rating of 260C as maximum bulk temperature. The current fluid has experienced the high oxidation degradation (high acid number) and thermal degradation as well over the 8 years operation. The high acid material typically increases the system corrosion. The high solid content of 3.31% indicates that the system might be deposited by the black carbon or fouled by the other oxidation by-products. Please identify an opportunity to do the system inspection. The fluid change and system cleaning might be considered in the near future.

Comments: Solid levels are severely high. Acid Number (AN) is high. (GCD) 90% Distillation Point is low. (GCD) 10% Distillation Point is high. Water contaminant is normal.





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