

KAONA FUTHER 1

Customer: PTRHTF60010

Jan 12/19

Jun23/18

SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN

MUANG SAMUTSAKHON, 74000

THAILAND

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System Information

System Volume: 4400 ltr

Bulk Operating Temp: 545F / 285C

Heating Source:

Blanket:

Fluid: EASTMAN THERMINOL XP

Make:

Sample Information

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Lab No: 02312792 Analyst: Philip Riley Sample Date: 08/24/19 Received Date: 10/04/19 Completed: 10/18/19

Recommendation: Not a Petro Canada Fluid and do not have the fluid parameters to accurately diagnose sample.

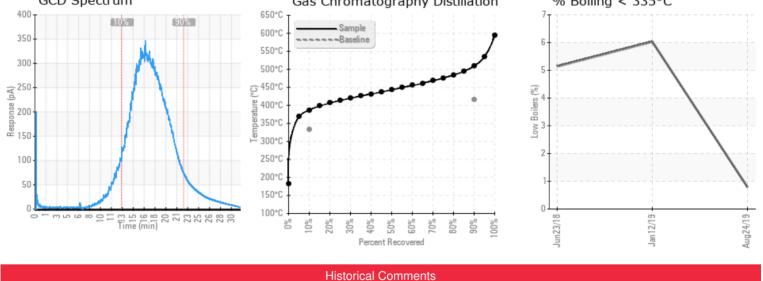
Comments: (GCD) 10% Distillation Point is severely high. (GCD) 90% Distillation Point is severely high. Visc @ 40°C is abnormally high. COC Flash Point is marginally high.



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Please confirm if it is Therminol XP fluid. If it is the case, the fluid viscosity has been increased a lot from the last sample mainly due to the oil oxidation or the wrong oil top up. The fluid is also partially thermal cracked at the extremely high working temperature, so that the flash point is reduced. Please conduct the system venting to release the low boilers. Take one sample in 12 months to monitor the fluid conditions. The current fluid has normal viscosity. Please monitor the fluid low flash point considering the high bulk oil temperature of 285C. Take one sample in 12 months to monitor the conditions. (GCD) 90% Distillation Point is high.

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