

KORAT 2 (THAILAND) - RETURN

Customer: PTRHTF60010

SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN

MUANG SAMUTSAKHON, 74000

THAILAND

Attn: CHERNPORN CHOBKUI

Tel: 034421290

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System Information

System Volume: 9020 ltr

Bulk Operating Temp: 554F / 290C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make:

Sample Information

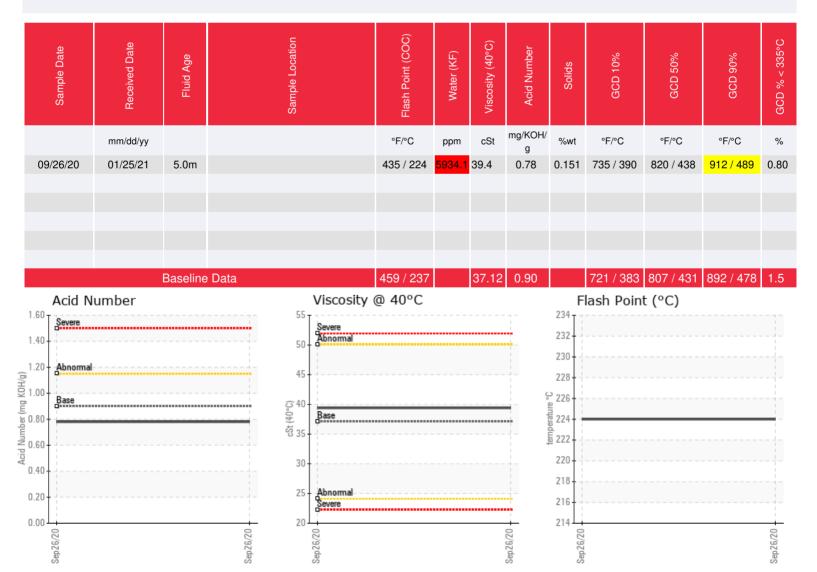
Lab No: 02399581 Analyst: Philip Riley Sample Date: 09/26/20 Received Date: 01/25/21 Completed: 02/10/21

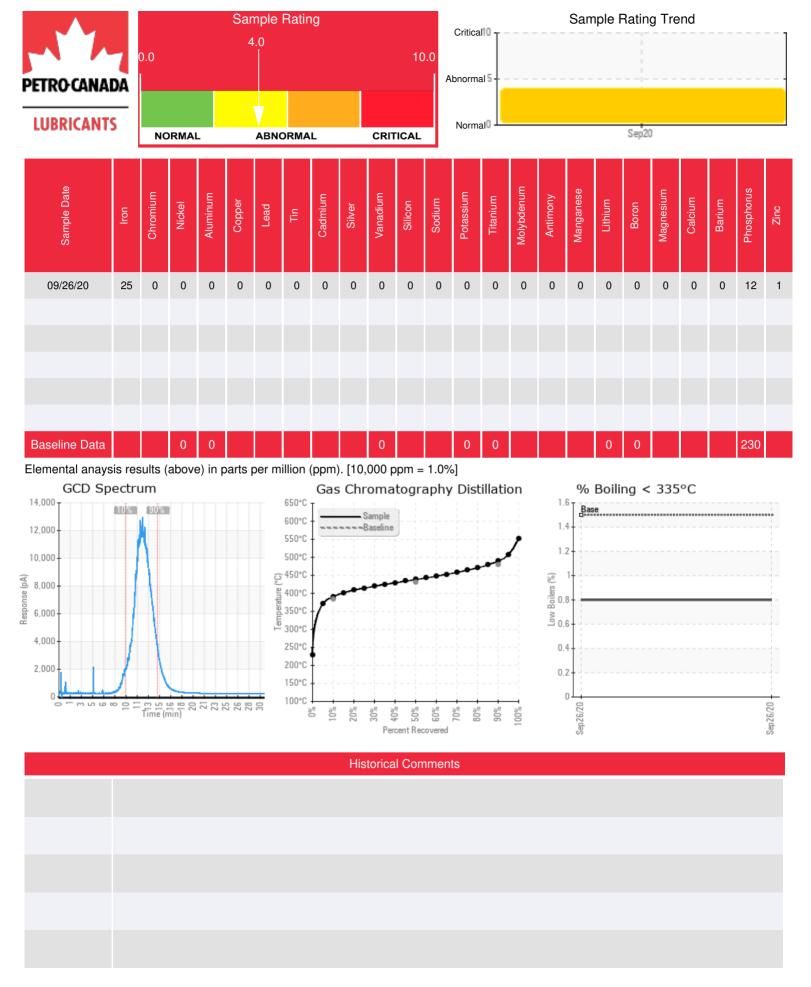
Philip Riley

philip.riley@hollyfrontier.com

Recommendation: Water is present at an unacceptable level in the fluid, which will affect the oil drain significantly. It is an external contamination that has entered the system and, f can be safely removed, must be removed. The fluid viscosity has crept upwards, I suspect as a result of the contamination and this will promote oxidation of the fluid. Additionally you will see the acid number increase which could attack sensitive metals within the system. Water must be removed (if it can be done safely) and the source of water contamination must be identified.

Comments: Water contamination levels are severely high. Water contamination levels are severely high. ppm Water contamination levels are severely high. (GCD) 90% Distillation Point is marginally high.





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