

[4-13-39-9W5] ORLEN UPSTREAM

Customer: PTRHTF20243

CFR CHEMICALS 38451 RRZZ

RED DEER, AB T4E 2N6 CA

Attn: Andrew Schacher Tel: (780)982-8478

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System Information

System Volume: 28000 ltr

Bulk Operating Temp: 410F / 210C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: MAXON BY HONEYWELL

Sample Information

Lab No: 02619789 Analyst: Lyle Dach Sample Date: 02/08/24 Received Date: 03/04/24 Completed: 04/01/24

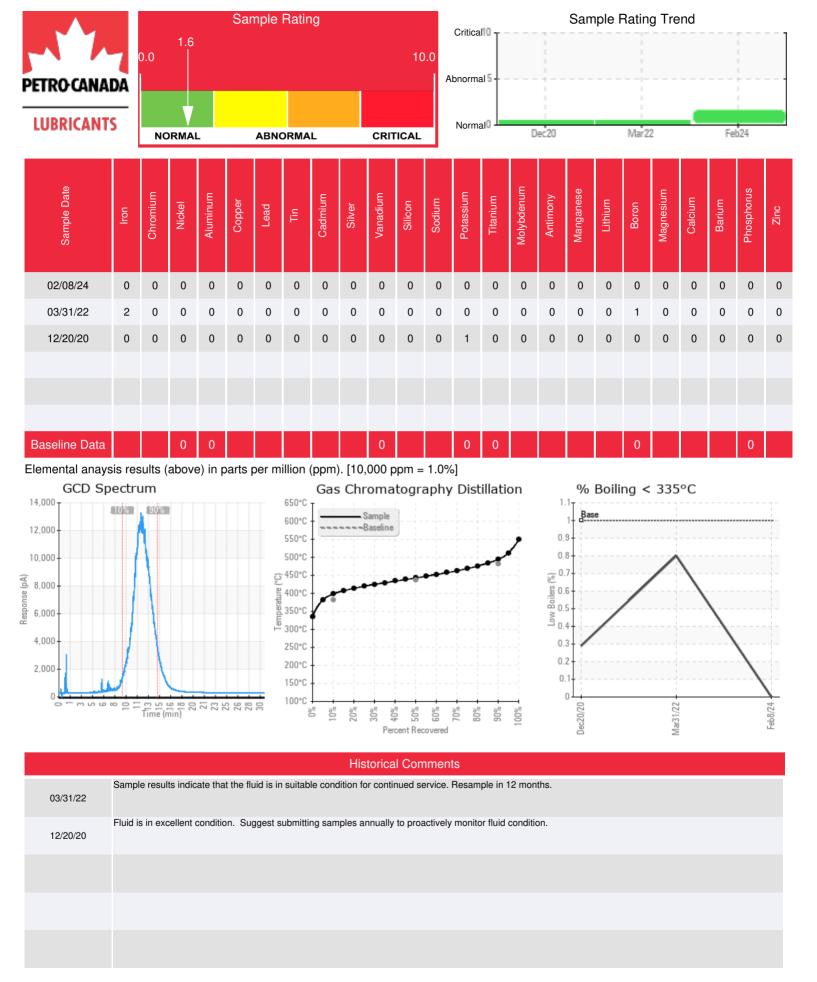
Lyle Dach

lyle.dach@HFSinclair.com

Recommendation: Overall fluid condition is good, 10 and 90 % GCD are slightly increased, venting the system can reduce the low boilers present in the oil reducing the 10% GCD results. Venting should be done in short periods of time to ensure oxygen doesn't enter the expansion tank and allow the fluid to oxidize. An increase in 90% GCD can be from the fluid oxidizing ensure blanket gas is function properly after venting.

Comments: (GCD) 10% Distillation Point is marginally high. (GCD) 90% Distillation Point is marginally high.





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