



[3-6-39-11W5] WESTBRICK

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: 5000 ltr

Bulk Operating Temp: 185F / 85C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make:

Sample Information

Lab No: 02648260 Analyst: Lyle Dach Sample Date: 07/11/24 Received Date: 07/16/24 Completed: 07/17/24

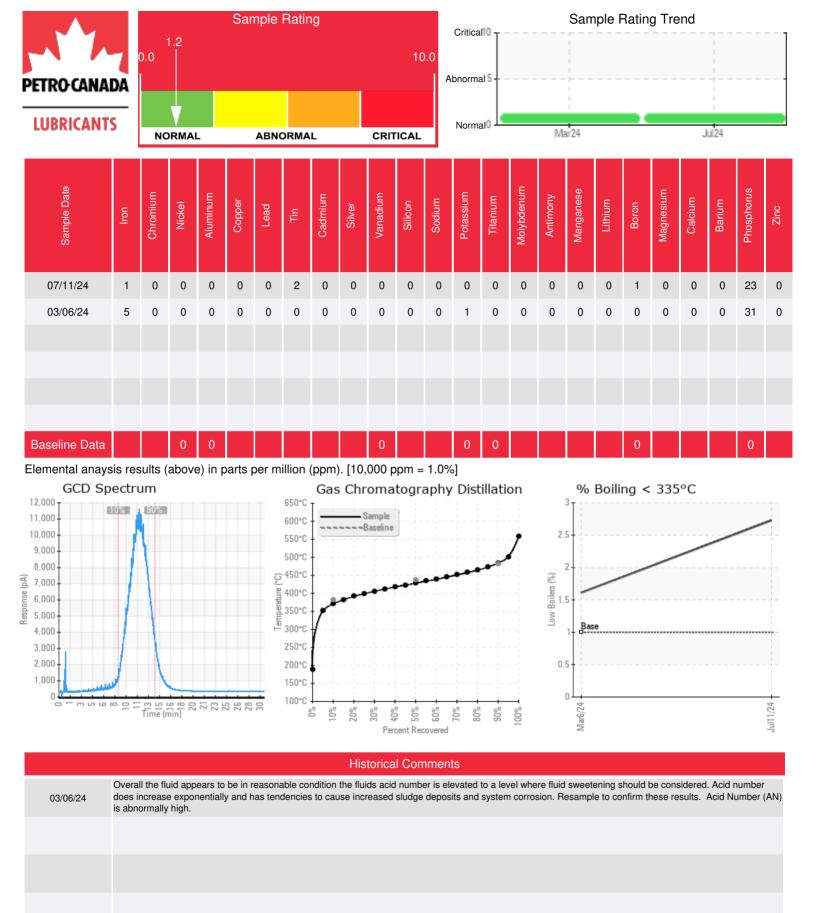
Lyle Dach

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Recommendation: This sample confirms the elevated acid number that we saw in March. Iron levels and pentane insolubles are low, it does not appear that the elevated acid number is causing corrosive wear. The AN levels have dropped slightly from previously, was the system topped up with fresh oil? Overall the fluid appears to be in reasonable condition but the acid number is still a concern and should be monitored. Sweetening does help but for a system of this size it maybe better to plan to replace the fluid instead of sweetening. Draining, cleaning the system and installing new fluid will have a better service life than fluid that is used to sweeten a system. Acid number does increase exponentially and has tendencies to cause increased sludge deposits and system corrosion. Resample in 6 months.

Comments: Acid Number (AN) is abnormally high.





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