

[LSD: 06-31-32-24W4] HOT OIL UNIT

Customer: PTRHTF20244

PINE CLIFF ENERGY LTD 1015 4 ST SW

CALGARY, AB T2R 1J4 CA

Attn: Bruce Gedak Tel: (403)318-7574

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System Information

System Volume: 6500 ltr

Bulk Operating Temp: 356F / 180C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: ENEFEN

Sample Information

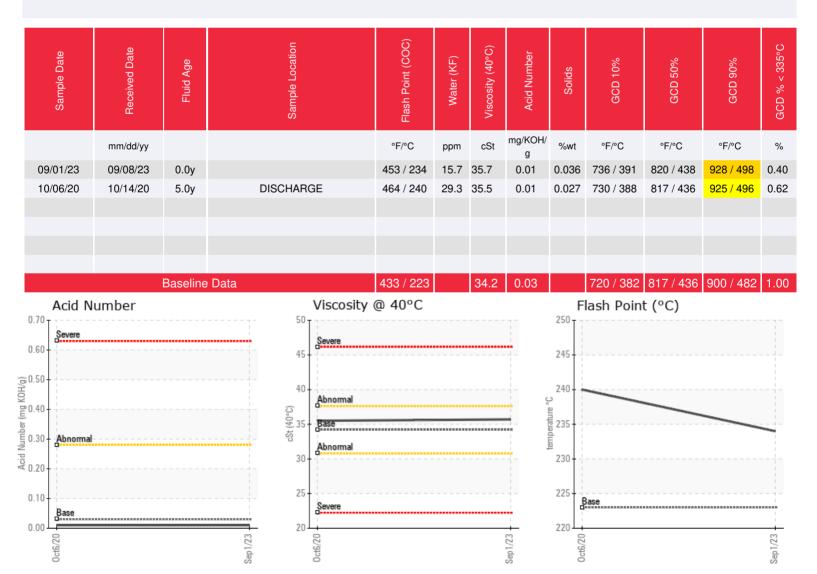
Lab No: 02581205 Analyst: Lyle Dach Sample Date: 09/01/23 Received Date: 09/08/23 Completed: 09/14/23

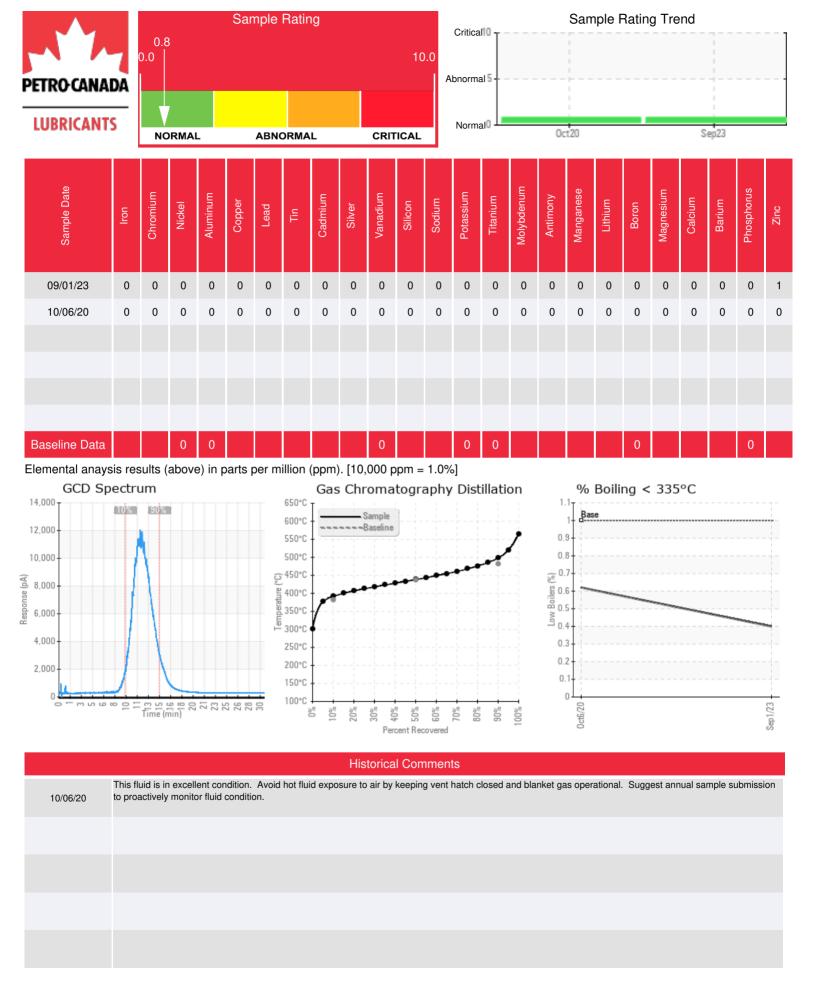
Lyle Dach

lyle.dach@HFSinclair.com

Recommendation: Overall the sample shows the fluid to be in good condition and safe for continued use. 90% distillation is marginally high, ensure blanket gas is functioning properly. Resample in 12 months.

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





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