

TOWN NORTH HOT OIL

Customer: PTRHTF60062

Petronas Energy Canada Ltd. - Town ...

B89-J/94-B-16 6954 100th Ave.

Fort St. John, BC V1J 8L5 CA

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System Information

System Volume: 120000 ltr

Bulk Operating Temp: 410F / 210C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO LT

Make: CLEAVER BROOKS

Sample Information

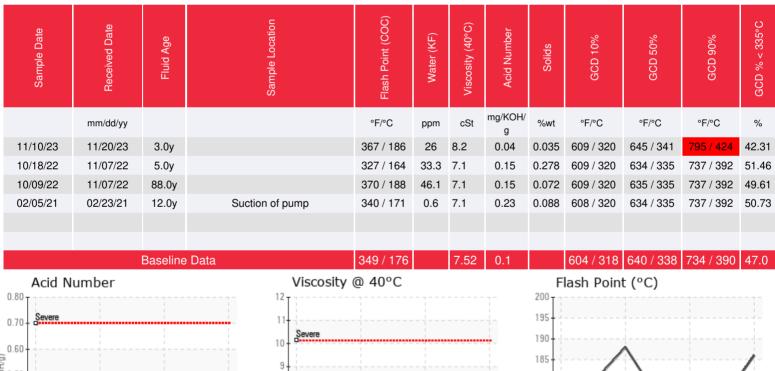
Lab No: 02597683 Analyst: Clinton Buhler Sample Date: 11/10/23 Received Date: 11/20/23 Completed: 11/27/23

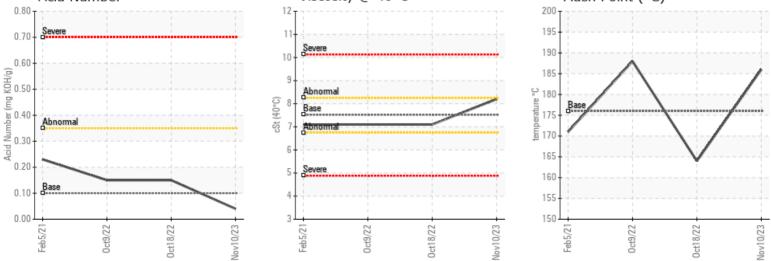
Clinton Buhler

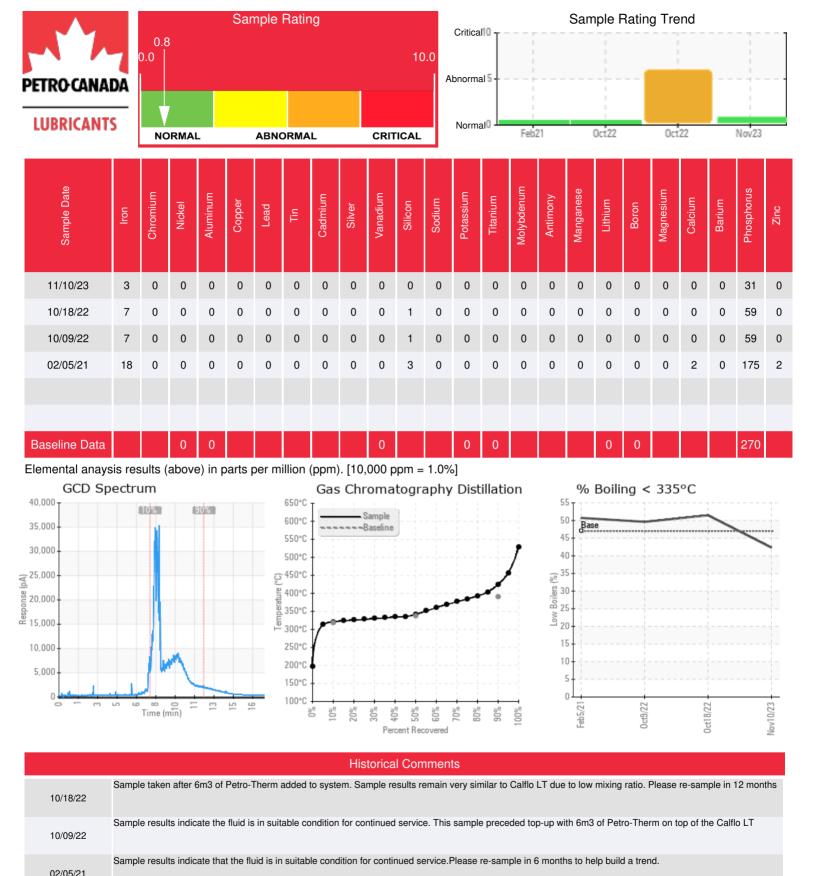
Clinton.Buhler@HFSinclair.com

Recommendation: This sample was drawn from the system following a fire event in November 2023. System is estimated to contain ~108 m3 of Calflo LT and ~15m3 of Petro-Therm. Sample results indicate that the fluid is in suitable condition for continued service. The addition of Petro-Therm to the system has (expectedly) increased the fluid viscosity, 90% GCD temperature and fluid flash point while also reducing the low boiler vapor content (42.31%). Acid Number is low, indicating that fluid oxidation is being mitigated. Please re-sample system after additional Petro-Therm is added to the system (please indicate the final mixing ratios and volumes for the next sample) and after at least 48-72 hours of operation at design temperature.

Comments:







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