

H-3700 D-TRAIN

Customer: PTRHTF60070

Pembina Gas Services 04-25-062-06W6

Grande Prairie, AB T8W 0M1 CA

Attn: Mike Janz Tel: (587)298-9421

E-Mail: mjanz@pembina.com

System Information

System Volume: 10000 ltr

Bulk Operating Temp: 437F / 225C

Heating Source:

Blanket:

Fluid: DURATHERM HF Make: PANAX OIL AND GAS

Sample Information

Lab No: 02627543 Analyst: Clinton Buhler Sample Date: 04/01/24 Received Date: 04/08/24 Completed: 05/13/24

Clinton Buhler

160

150

Mar5/20

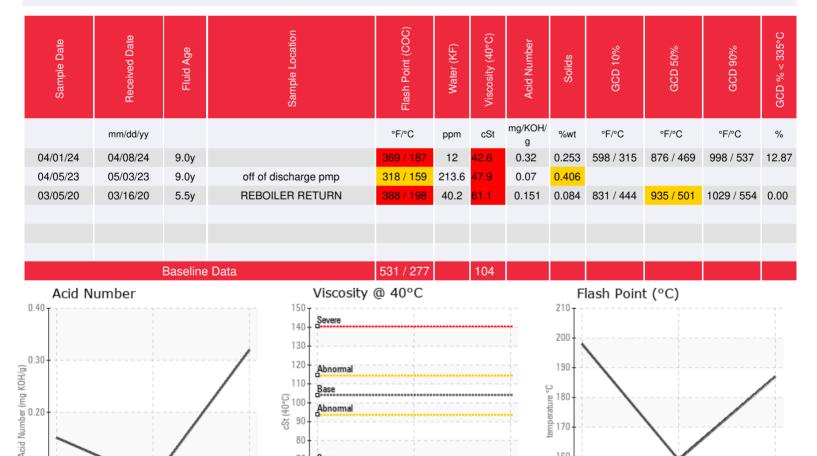
Clinton.Buhler@HFSinclair.com

Recommendation: Compared to the 2020 sample, fluid properties have changed: fluid viscosity and GCD temperatures are lower which may be due to mixture with other fluids or fluid degradation. Viscosity is much lower than straight Duratherm HF. Acid Number and solids content are up compared to 2020 which can be associated with fluid oxidation. Please make sure expansion tank blanket gas is operational. Please re-sample within 12 months and please submit a new fluid sample at same time.

Comments:

0.10

Mar5/20



Apr5/23

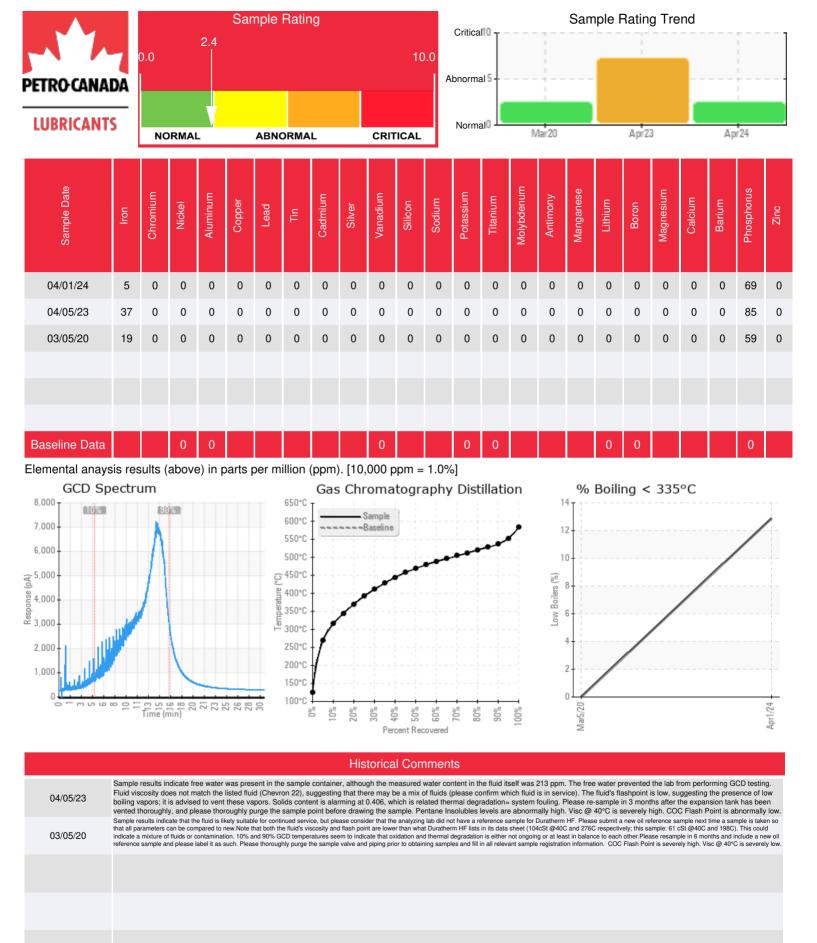
Mar5/20

60

50

Apr1/24

Apr5/23



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