

# [16-2-20-01W4] HOT OIL SYSTEM/HRU

## Customer: PTRHTF20152

PEMBINA NGL CORPORATION

P.O. BOX 640

MEDICINE HAT, AB T1A 7G6 Canada

Attn: Chun guang Liu Tel: (587)343-1260

E-Mail: cliu@pembina.com

# System Information

System Volume: 120000 ltr

Bulk Operating Temp: 482F / 250C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: Worley

### Sample Information

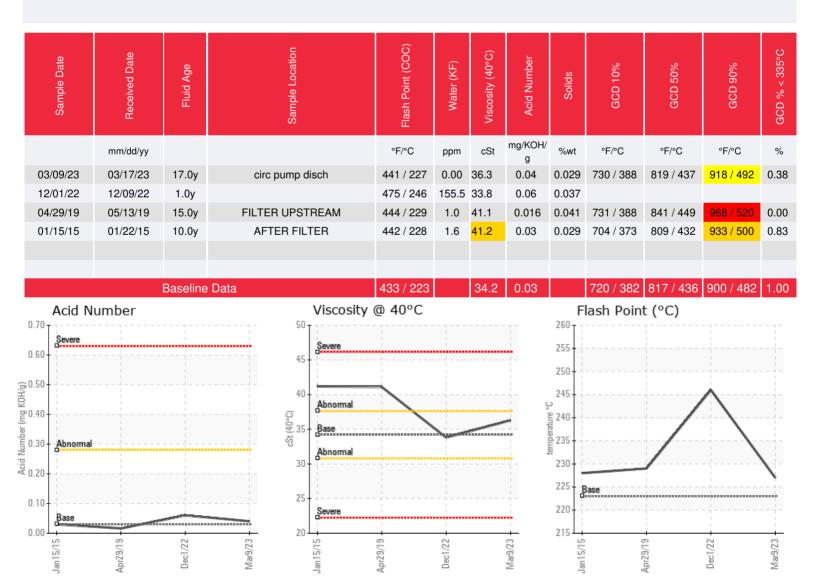
Lab No: 02546135 Analyst: Lyle Dach Sample Date: 03/09/23 Received Date: 03/17/23 Completed: 03/24/23

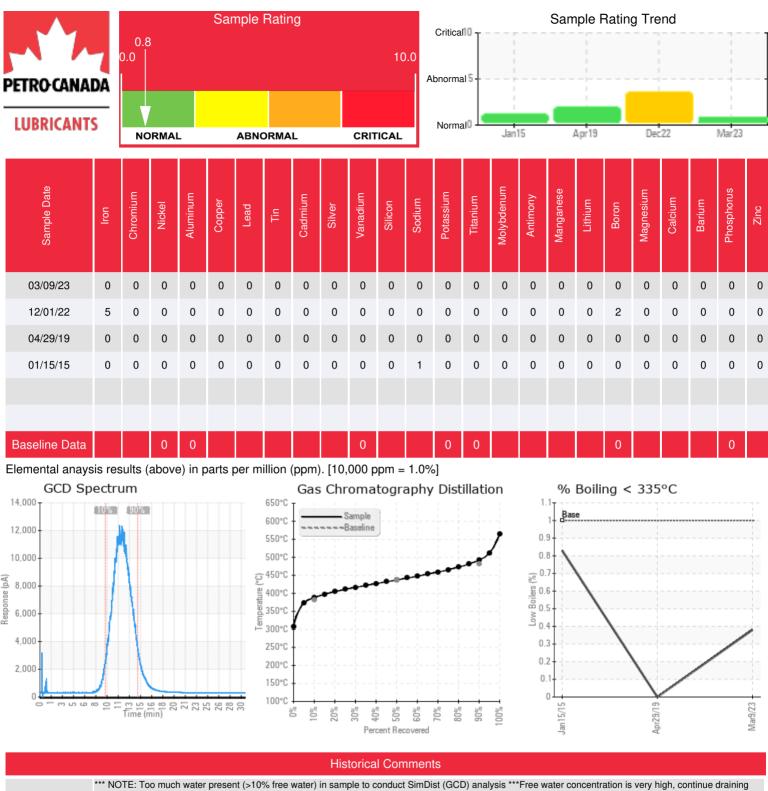
Lyle Dach

lyle.dach@HFSinclair.com

#### Recommendation:

Comments: Fluid looks to be in very good condition and would be suitable for continued use. The 90% distillation point is slightly high, ensure blanket gas is functioning properly. Resample in 12 months. (GCD) 90% Distillation Point is marginally high.





Historical Comments		
	12/01/22	*** NOTE: Too much water present (>10% free water) in sample to conduct SimDist (GCD) analysis ***Free water concentration is very high, continue draining water and venting steam to get water levels to acceptable levels. All other available parameters appear to be at acceptable levels. Resample once free water is no longer visible in the samples.
	04/29/19	Fluid is in very good condition. The viscosity and GCD 90% distillation points are higher than new Petro-Therm. If this fluid is in fact 15 years old that is normal. Petro-Therm prior to 2006 was a higher viscosity fluid.
	01/15/15	Viscosity showing slight increase. In general the fluid is in good condition. Resample in 6 months to begin establishing trend. Be sure to us Customer # PTRHTF20152 to ensure future samples get linked up with prior history. (GCD) 90% Distillation Point is abnormally high.

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