

## **B6/B8 HOT OIL SYSTEM**

## Customer: PTRHTF30052

I G MACHINES AND FIBER 87 ORENDA RD.

BRAMPTON, ON L6W 1V7 Canada

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## System Information

System Volume: 16000 ltr

Bulk Operating Temp: 392F / 200C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: IND. CUMBUSTION & EQ

## Sample Information

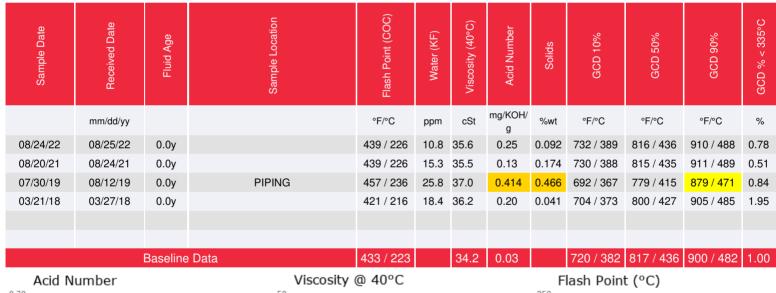
Lab No: 02507265 Analyst: Yen Garcia Sample Date: 08/24/22 Received Date: 08/25/22 Completed: 08/29/22

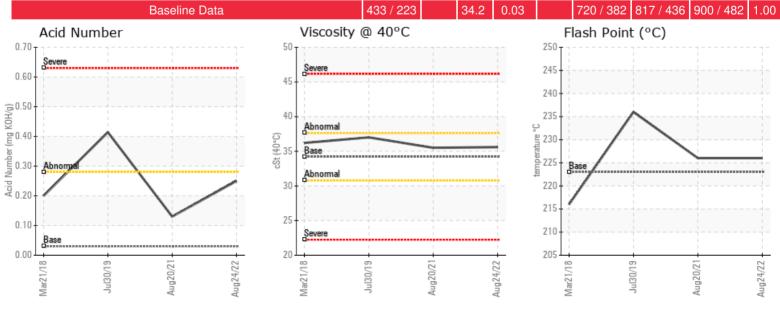
Yen Garcia

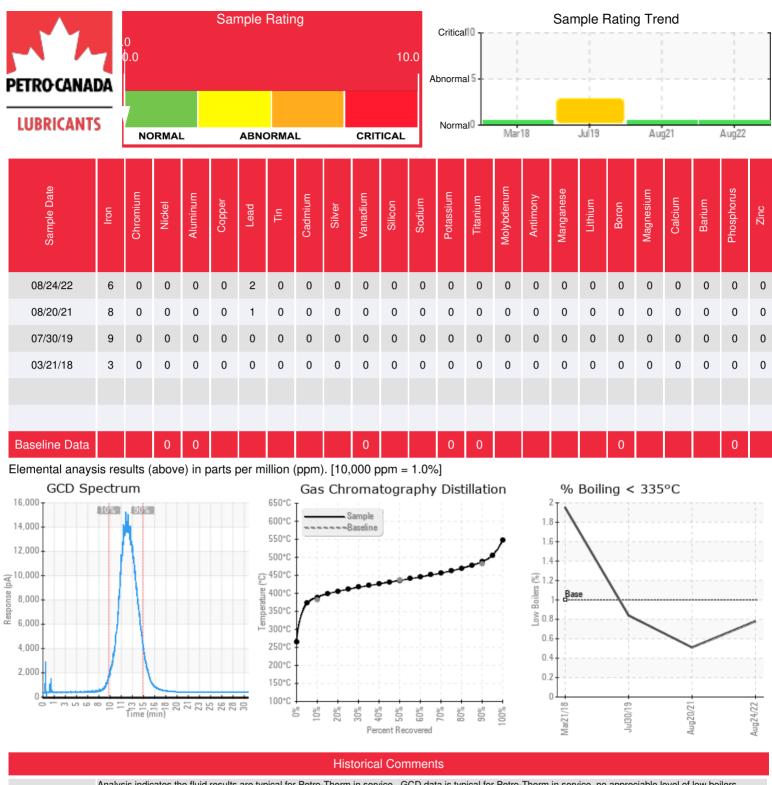
yen.garcia@hollyfrontier.com

Recommendation: No action needed at this time.

Comments:







	Historical Comments
08/20/21	Analysis indicates the fluid results are typical for Petro-Therm in service. GCD data is typical for Petro-Therm in service, no appreciable level of low boilers detected. Flash Point typical at 226°C. Pentane insolubles content is at 0.174, down from 0.466 and typical for fluid in service. Fluid is suitable for continued service. Sample at next yearly frequency.
07/30/19	The acid number has doubled since last test. Thus, more acidic components in your fluid. The pentane insolubles have drastically increased. The rise in acid number, and slight rise in viscosity and flash point indicates oxidation of the fluid. Filtration will assist in reducing solids in the fluid. The 90% GCD is also marginally on the low side. Would suggest a resample of this unit in 6 months time. Pentane Insolubles levels are abnormally high. Acid Number (AN) is abnormally high. (GCD) 90% Distillation Point is marginally low.
03/21/18	Fluid appears to be fine for continued service.

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