

## **HOT OIL**

## Customer: PTRHTF10002

EVONIK 3305 26th ST

LOS ANGELES, CA USA

Attn: Prakash Mehta Tel: (818)709-0492

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## System Information

System Volume: 1500 gal

Bulk Operating Temp: 600F / 316C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO HTF

Make:

## Sample Information

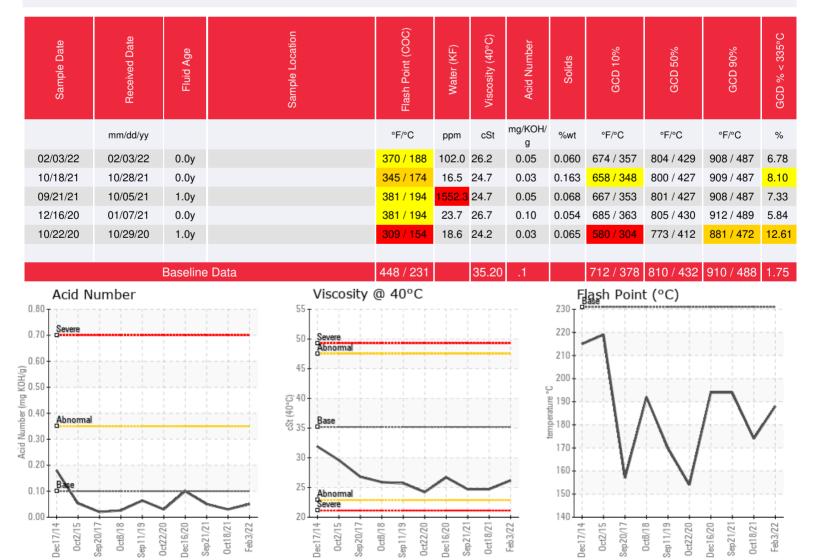
Lab No: 02470029 Analyst: Ron LeBlanc Sample Date: 02/03/22 Received Date: 02/03/22 Completed: 02/15/22

Ron LeBlanc

Ronald.LeBlancSr@hollyfrontier.com

Recommendation: Sample appears normal except for COC Flash Point is marginally low. Add a small amount of new oil to raise flash point.

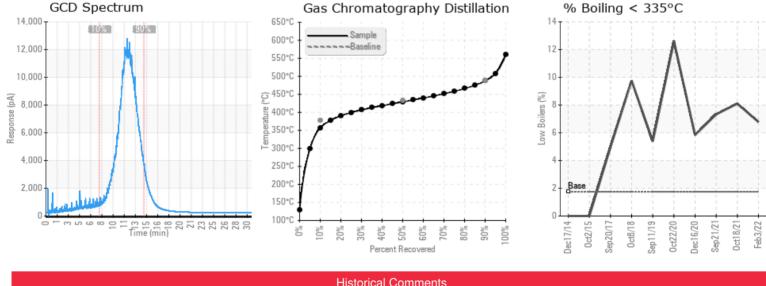
Comments: COC Flash Point is marginally low.



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Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments	
10/18/21	The oil typicals have returned to somewhat normal compared to the previous sample. Pentane insolubles indicate some contamination. Water content dropped significantly. Adding a small amount of new oil could improve the typicals significantly. COC Flash Point is abnormally low. (GCD) % < 335°C is marginally high. (GCD) 10% Distillation Point is marginally low.
09/21/21	The water is Extremely high in the sample. The COC Flash point is low although it has come up in the last two samples. The sample appears normal other than the two items listed. ppm Water contamination levels are severely high. Water contamination levels are severely high. COC Flash Point is marginally low.
12/16/20	COC Flash Point is marginally low. Recommend venting off low boilers.
10/22/20	Distillation and flash points very low. Carefully vent off the low boilers and resample. (GCD) 10% Distillation Point is severely low. COC Flash Point is severely low. (GCD) % < 335°C is abnormally high. (GCD) 90% Distillation Point is abnormally low.

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