

# **HOT OIL**

## Customer: PTRHTF10002

EVONIK 3305 26th ST

LOS ANGELES, CA USA

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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

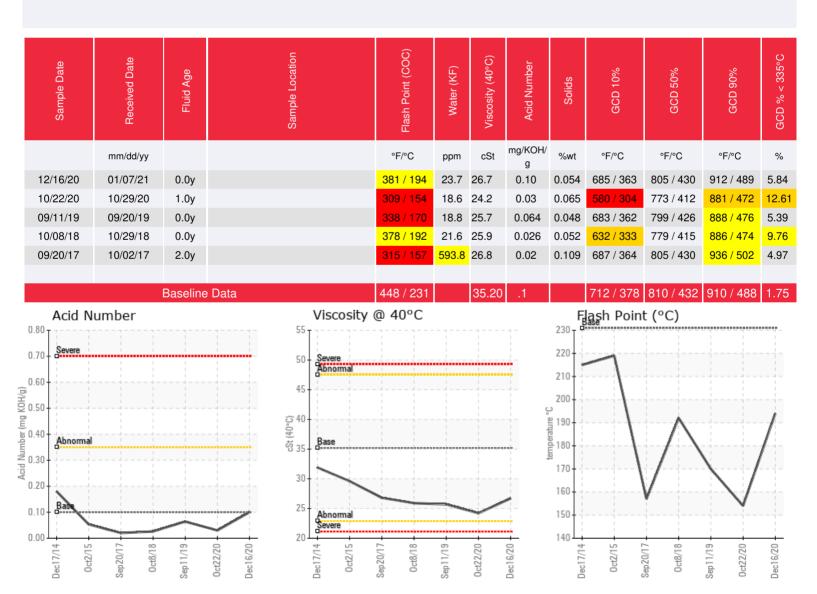
Lab No: 02396129 Analyst: Steven Slanker Sample Date: 12/16/20 Received Date: 01/07/21 Completed: 01/14/21

Steven Slanker

steven.slanker@hollyfrontier.com

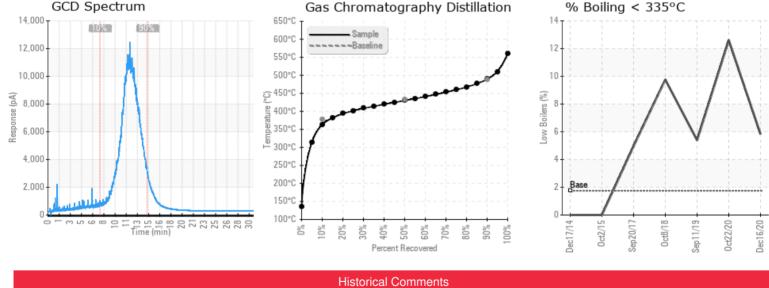
#### Recommendation:

Comments: COC Flash Point is marginally low. Recommend venting off low boilers.



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Historical Comments	
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.
09/11/19	The flash point is severely low. Vent the volatile components off to raise the COC flash point. Check the heater and determine if it is overheating the heat transfer fluid during the heating cycle. COC Flash Point is severely low. (GCD) 90% Distillation Point is marginally low.
10/08/18	High level of low boilers. Need to vent system and remove these before they become a major hazard. Review heater settings and determine if overheating is taking place during startups and heating cycles. (GCD) 10% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high. COC Flash Point is marginally low. (GCD) 90% Distillation Point is marginally low.
09/20/17	The Flash Point is severely low and the water high. Vent the tank to remove the low boilers. Replace part of the fluid if venting does not raise the flash point enough. Water contamination levels are marginally high. Water contamination levels are marginally high. COC Flash Point is severely low. (GCD) 90% Distillation Point is marginally high.

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