

### **LINE RF-02 GODET BOILER**

#### Customer: PTRHTF10057

PROPEX RINGGOLD PLANT 428 ROLLINS INDUSTRIAL BLVD RINGGOLD, GA 30736 USA Attn: STEWART DOMAINGUE

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# System Information

System Volume: 100 gal

Bulk Operating Temp: 220F / 104C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

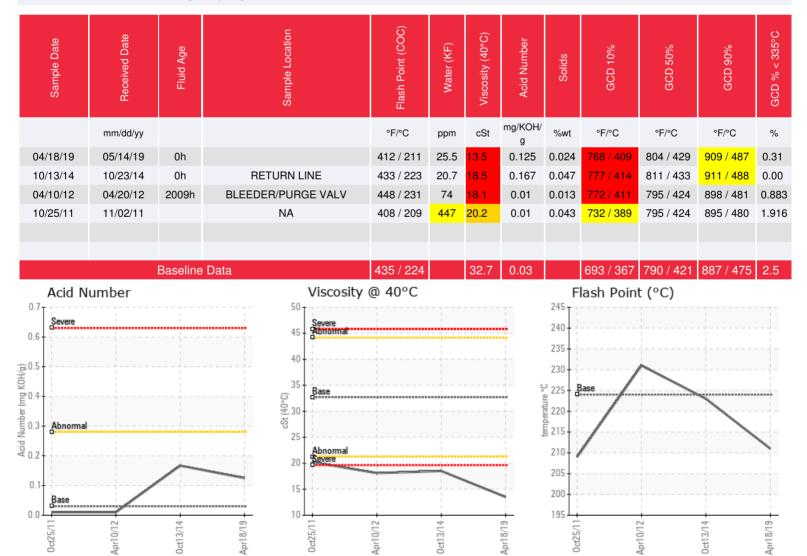
Make:

### Sample Information

Lab No: 02285041 Analyst: Jake Finn Sample Date: 04/18/19 Received Date: 05/14/19 Completed: 05/22/19

Recommendation: Oil is suitable for continued use, please re-submit sample in 1 year. Changing any system filters or kidney-loop filtering the fluid during any shutdown periods will remove any 'light debris' as seen by the lab. Please remember to include hours of use on oil and age of hot oil system when submitting samples for testing.

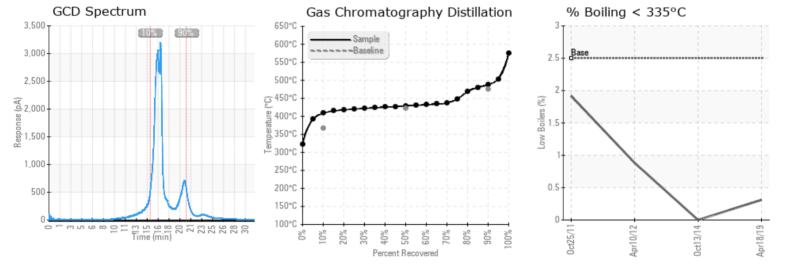
Comments: (GCD) 10% Distillation Point is severely high. Visc @ 40°C is severely low. (GCD) 90% Distillation Point is marginally high. Light debris is noted in lab comments. (GCD) 10% Distillation Point is severely high. Visc @ 40°C is severely low. (GCD) 90% Distillation Point is marginally high.





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

10/25/11



## **Historical Comments**

The viscosity is flagged as low because the system probably still contains a fair amount of the previous oil. In terms of contamination and degradation the oil looks good. PLease try to sample every year to monitor fluid condition and plan proper oil change frequency rather than running an overextended fluid and being faced with 10/13/14 a costly system cleaning and flushing. (GCD) 10% Distillation Point is severely high. Visc @ 40°C is severely low. (GCD) 90% Distillation Point is marginally high. The oil's low viscosity does not seem to match the high flash point and low amount of short chain low boilers observed. All in all the oil doesn't appear degraded and is suitable for further service. Re-sample in 6-9 months. 04/10/12

The oil doesn't look quite like Calflo AF. It appears to be a lower viscosity fluid hence the flagging with viscosity. The water is elevated but that might be due to a dirty sampling port. It's important to flush a sample valve with 4-5 times the amount of oil that it holds, so it may explain the iron particles too. If a decision is to be

made on whether to change this fluid based on the results I would ask for a retest with a new sample after flushing the collection valve thoroughly.

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