

## **RF-04 SPIN OIL BOILER B**

## Customer: PTRHTF10057

PROPEX RINGGOLD PLANT 428 ROLLINS INDUSTRIAL BLVD RINGGOLD, GA 30736 USA

Attn: MITCH HELTON Tel: (423)553-3723

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BAL.COM

0.00

Nov8/

System Volume: 250 gal

Bulk Operating Temp: 460F / 238C

**System Information** 

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO HTF

Make:

Sample Information

Feb4/20

Lab No: 02413409 Analyst: Jake Finn Sample Date: 03/17/21 Received Date: 04/06/21 Completed: 04/19/21

Jake Finn

jake.finn@hollyfrontier.com

Recommendation: COC flash point is low, but has improved since last sampling. Fluid is otherwise suitable for continued use, please resubmit for testing in one year.

Comments: COC Flash Point is marginally low.

Feb4/20

Mar17/21

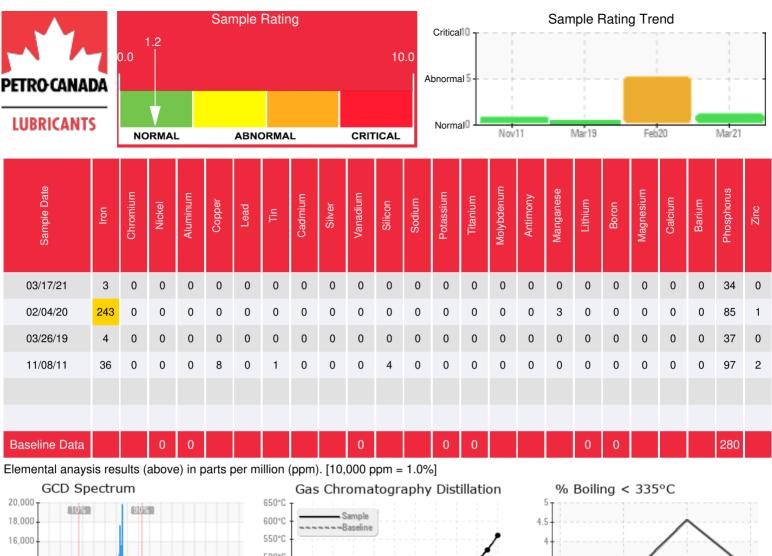


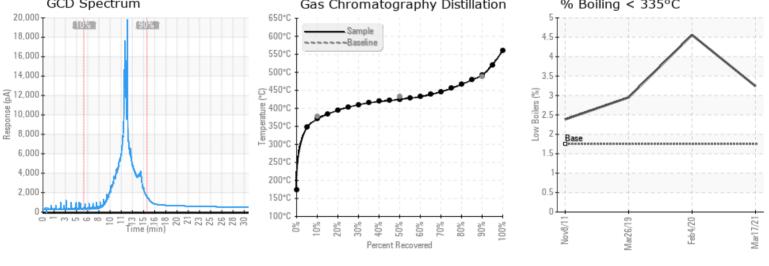
Feb4/20

Mar17/21

Nov8/

Nov8/1





## Historical Comments Sample is showing signs that equipment may not be running properly. High levels of iron indicate premature wear. Consider kidney-loop filtering the fluid during shutdown periods to remove wear particles, or changeout fluid. Venting the system may help improve GCD 90% distillation point and flash point. Ensure that system filters are replaced after maintenance is performed. Iron ppm levels are abnormal. Light white metal and debris noted by lab. (GCD) 90% Distillation Point is severely low. COC Flash Point is abnormally low. Visc @ 40°C is abnormally low. Results are normal and oil is suitable for continued use. Please re-submit sample in 1 year. Please remember to include hours of use on oil and age of hot oil system when submitting samples for testing. The viscosity and flash point are flagged as low compared to Calflo but we believe it might be because the system once contained a lower viscosity fluid. Despite the low viscosity, the amount of low boilers as measured by the very accurate GC Distillation test is normal. The fluid appears to be suitable for further use based on the analysis results but if the system is experiencing fluid related issues we suggest that you work with Mike Smith at Whitfield Oil on a fluid replacement strategy.

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