

PF02MANIFOLD

Customer: PTRHTF10057

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

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System Information

System Volume: 100 gal

Bulk Operating Temp: 400F / 204C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make:

Sample Information

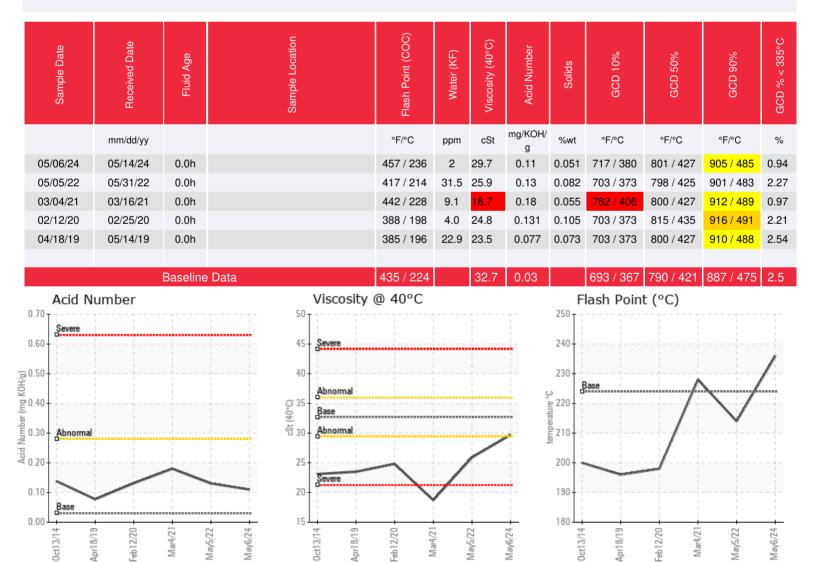
Lab No: 02635433 Analyst: Jake Finn Sample Date: 05/06/24 Received Date: 05/14/24 Completed: 05/28/24

Jake Finn

jake.finn@HFSinclair.com

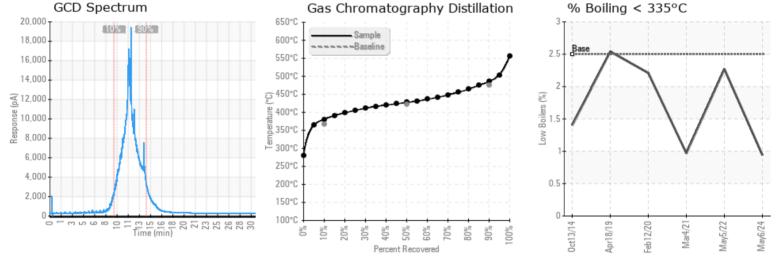
Recommendation: The GCD 90% distillation point is a little high, but all other parameters look good, indicating the fluid is suitable for continued use. Will monitor at the next sample interval. Please resubmit for regular testing in 12 months.

Comments: (GCD) 90% Distillation Point is marginally high.





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



| Historical Comments | |
|---------------------|---|
| 05/05/22 | Sample indicates no signs of wear, contamination or fluid degradation. Viscosity has improved significantly since last sample (3/4/2021). This fluid is suitable for continued use, please resample and submit for testing in 12 months. Very light debris noted by lab. |
| 03/04/21 | *** Viscosity was run three times (18.7, 18.7, 19.1 cSt) *** Viscosity is about 15% lower than new oil should be. GCD 10% distillation point is high which may be a sign of oxidation, though acid number is acceptable. Fluid appears to be acceptable for continued use, but it is recommended to check for any fluid contamination sources that may be affecting the viscosity if possible. Please resubmit a new sample for testing in one year. (GCD) 10% Distillation Point is severely high. Visc @ 40°C is severely low. (GCD) 90% Distillation Point is marginally high. |
| 02/12/20 | Venting the system may help in improving the GCD 90% distillation point. Fluid otherwise is suitable for continued use. Please resubmit for testing in one year. (GCD) 90% Distillation Point is abnormally high. Very lite white metal and debris noted by lab. |
| 04/18/19 | 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.(GCD) 90% Distillation Point is marginally high. Light to Moderate debris is noted in lab comments. (GCD) 90% Distillation Point is marginally high. |
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