



[PROGRESS ENERGY / LSD#B-88-I/94-B-1] S059300 HEAT MEDIUM

Customer: PTRHTF20039

BRENNTAG CANADA INC 3124-54TH AVENUE SE

CALGARY, AB T2A 0A8 CANADA

Attn: Jim Trockstad

Tel:

E-Mail: jtrockstad@brenntag.ca

System Information

System Volume: 22000 ltr

Bulk Operating Temp: 367F / 186C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: PROPAK

Sample Information

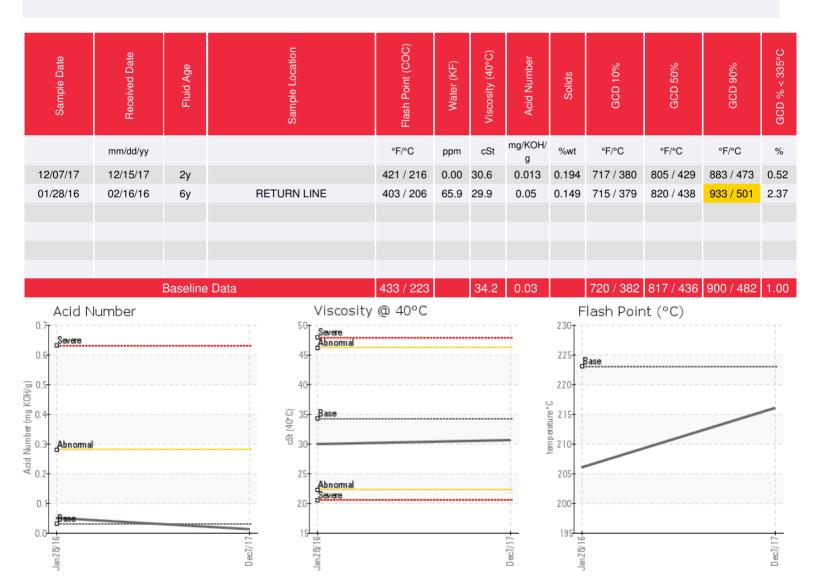
Lab No: 02188564 Analyst: Clinton Buhler Sample Date: 12/07/17 Received Date: 12/15/17 Completed: 01/05/18

To discuss this report contact Clinton

Buhler at 780-516-9920

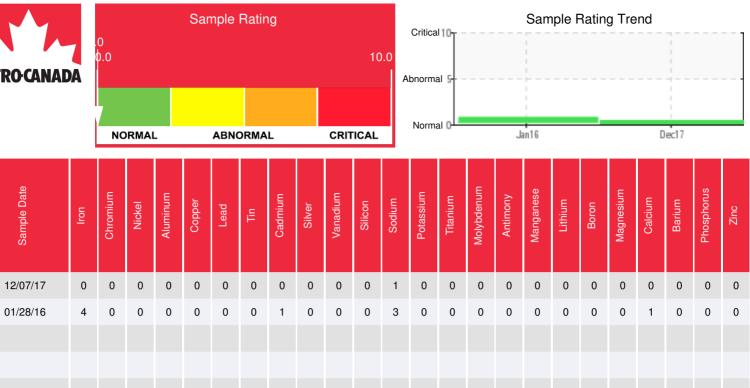
Recommendation: Sample results indicate that the heat transfer fluid is suitable for continued service. Slightly reduced viscosity and slightly reduced GCD temperatures can possibly indicate the onset of minimal amounts of thermal degradation or contamination with another fluid or excessive blanket gas pressure (from the heat transfer fluid standpoint, a blanket gas pressure of 2-3 psi is optimal). Continue to monitor system operation. Re-sample in 12 months.

Comments:

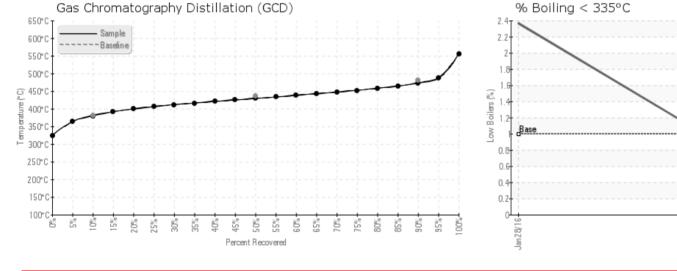


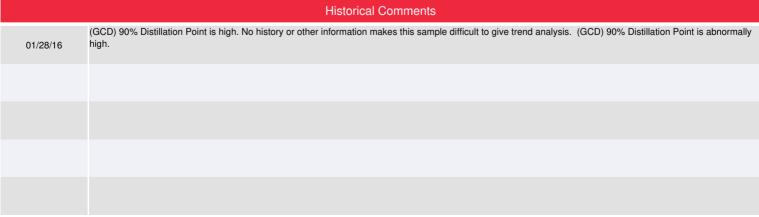


Baseline Data



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





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