

TFS H/O SYSTEM #3

Customer: PTRHTF10176 CERTAINTEED ROOFING 100 CERTAINTEED DR JONESBURG, MO 63351 USA

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System Information

System Volume: 5406 gal

Bulk Operating Temp: 468F / 242C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make: FSE

Sample Information

Lab No: 02381471 Analyst: Joe Goecke Sample Date: 10/08/20 Received Date: 10/15/20 Completed: 10/27/20

Joe Goecke

210

205

200

Mar15/1

Apr20/17

Nov30/18

Oct8/20

Joe.goecke@petrocanadalsp.com

Recommendation: Viscosity is lower than expected. All other parameters look very good. continue to use and resample at next scheduled interval.

Comments:

0.1

0.0

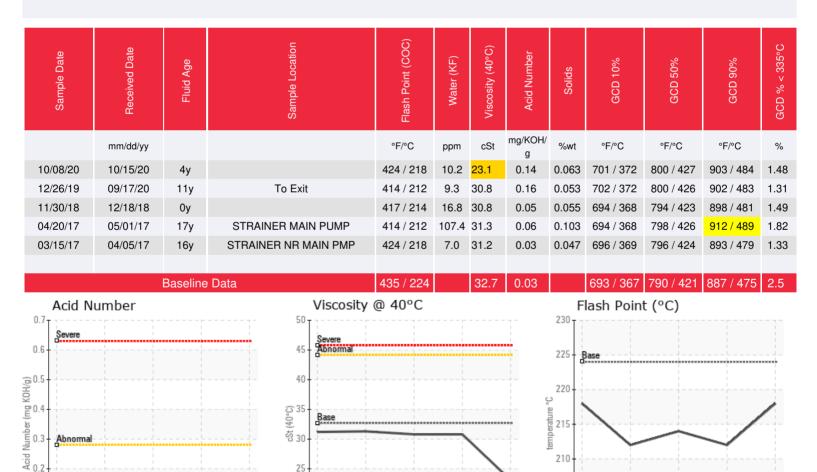
Mar15/1

Nov30/18

Apr20/17

Dec26/19

Oct8/20



Nov30/18

Apr20/17

Dec26/19

Oct8/20

Mar15/17

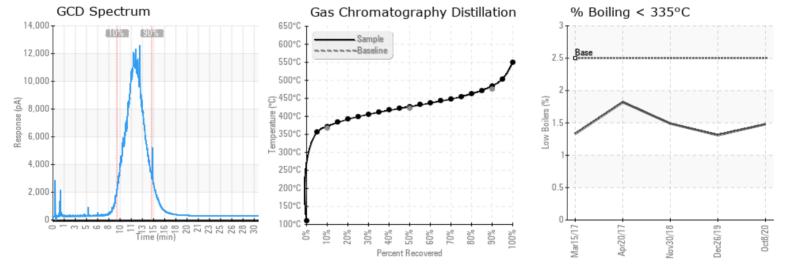
经 30

25

20



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



Historical Comments	
12/26/19	Sample was received 10 months after taken. All parameters look good and in spec for the fluid. Continue to use and monitor as normal. Timely submission of samples provides more useful data.
11/30/18	The oil condition is normal and within acceptable parameters. No actions needed at this time based on the results. Re-sample at next scheduled interval.
04/20/17	The fluid looks good in terms of the results. Viscosity is normal, flash point is strong, contamination isextremely low, no Vanadium (tracker of asphalt in the fluid). No action needed and we suggest to re-sample yearly. (GCD) 90% Distillation Point is marginally high.
03/15/17	The fluid looks good in terms of the results. Viscosity is normal, flash point is strong, contamination is extremely low, no Vanadium (tracker of asphalt in the fluid). No action needed and we suggest to re-sample yearly.

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