

TFS H/O SYSTEM #2

Customer: PTRHTF10176

CERTAINTEED ROOFING 100 CERTAINTEED DR JONESBURG, MO 63351 USA

Attn: Jeff Montgomery Tel: (952)261-9532

E-Mail: jeffrey.d.montgomery@saint-

gobain.com

System Information
System Volume: 3738 gal

Bulk Operating Temp: 525F / 274C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make: FSE

Sample Information

Lab No: 02291773

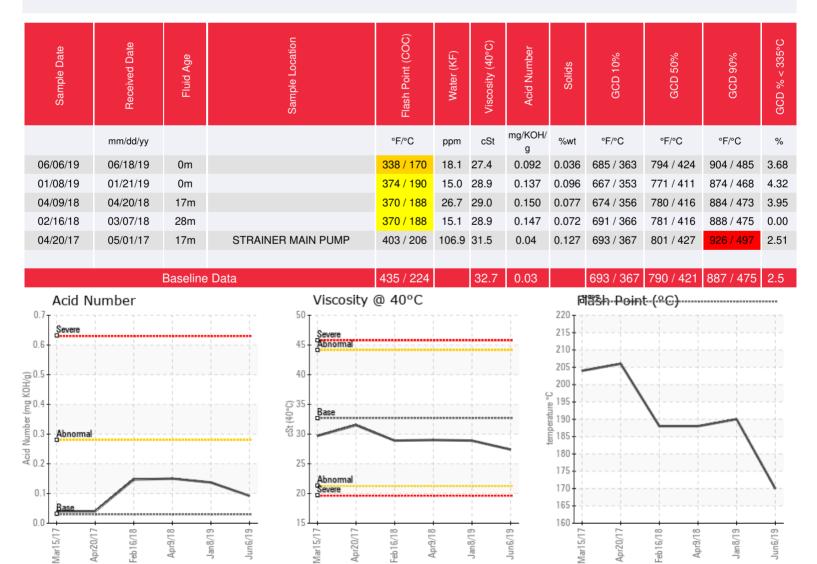
Analyst: Gaston Arseneault Sample Date: 06/06/19 Received Date: 06/18/19 Completed: 06/20/19

Gaston Arseneault

gaston.arseneault@petrocanadalsp.com

Recommendation: The viscosity has been slowly declining and so is the flash point. We suggest to vent the low boilers and replace the volume lost by adding fresh oil in the expansion tank.

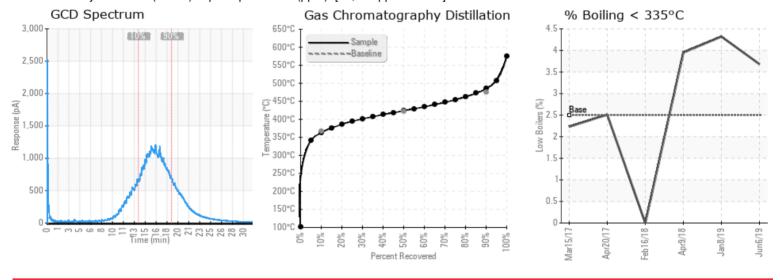
Comments: COC Flash Point is abnormally low.



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



Historical Comments	
01/08/19	The results are almost identical to the satisfactory results from 6 months ago. No action needed at this time besides re-sampling in about 6-9 months time. COC Flash Point is marginally low.
04/09/18	The results are almost identical to the satisfactory results from a couple months ago. No action needed at this time besides re-sampling in about 6-9 months time. COC Flash Point is marginally low.
02/16/18	The viscosity dropped 10% in 9 months. it is still within normal limits but the drop is also felt in the drop in flash point. We suggest to perform a venting of the fluid to release the light ends and replace the volume lost by adding fresh fluid. This will help keep the flash point strong and properties normal. COC Flash Point is marginally low.
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 severely high.

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