

LINE 7 HOT OIL SYSTEM

Customer: PTRHTF10094

CERTAINTEED CORPORATION - OXFORD 200 CERTAINTEED RD

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System Volume: 375 gal

Bulk Operating Temp: 519F / 271C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

System Information

Make:

Sample Information

Lab No: 02363012 Analyst: Gaston Arseneault Sample Date: 05/12/20 Received Date: 07/06/20 Completed: 07/21/20

Gaston Arseneault

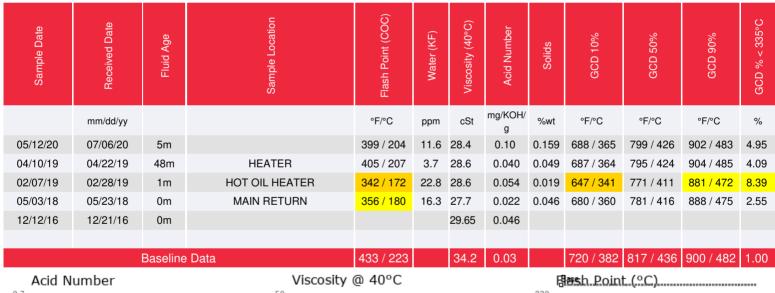
gaston.arseneault@petrocanadalsp.com

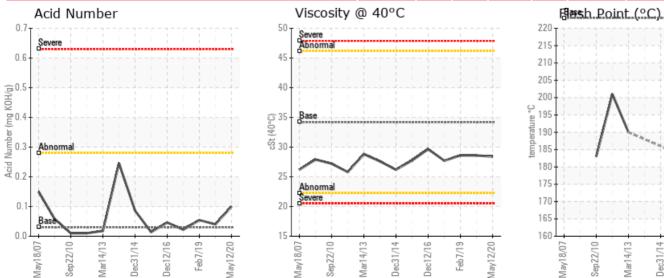
Jec12/16

Feb7/19

Recommendation: Virtually no change to the fluid in the last year. Viscosity is stable, flash point remains strong, no asphalt or moisture contamination. No action required based on these results.

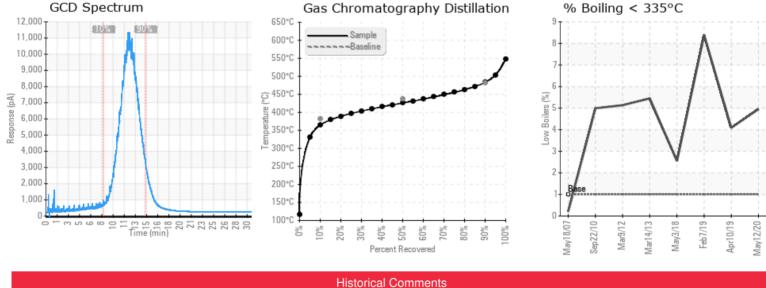
Comments:







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



Historical Comments	
04/10/19	The significant oil addition is noticed by the improved GCD results. No action required at this time. Re-sample this system at the next scheduled interval.
02/07/19	Last year we suggested some venting to bring the viscosity and flash point up. The flash point further decreased and low boilers increased some more. We are suggesting venting as well as replacing about 10% of the system fluid with fresh oil to help accelerate the improvement in the condition of the overall fluid. Once the venting and partial oil replacement has been done we recommend to take another sample a couple days later to measure the impact. COC Flash Point is abnormally low. (GCD) 10% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high. (GCD) 90% Distillation Point is marginally low.
05/03/18	Some of the tests are missing because previous samples were tested like regular industrial fluids. Nothing is flagged as abnormal but we would like the viscosity and flash point to go up slightly. The way to do this is by venting some light ends out of the system and replace the volume drop by adding fresh oil until the expansion tank is 75% full. COC Flash Point is marginally low.
12/12/16	Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The amount and size of particulates present in the system is acceptable. The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

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