

LINE 2 FILLER HEATER SYSTEM

Customer: PTRHTF10069

CERTAINTEED - SAINT GOBAIN 3303 EAST 4TH AVENUE SHAKOPEE, MN 55379 USA

Attn: Patrick Wallace

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System Information

System Volume: 5670 gal

Bulk Operating Temp: 428F / 220C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make:

Sample Information

Lab No: 02315478

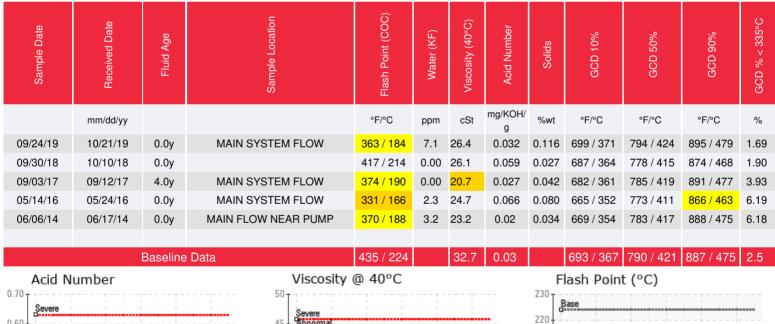
Gaston Arseneault

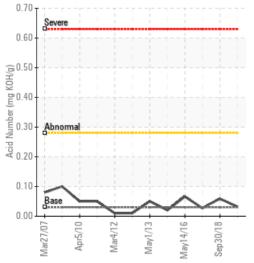
Analyst: Gaston Arseneault Sample Date: 09/24/19 Received Date: 10/21/19 Completed: 11/12/19

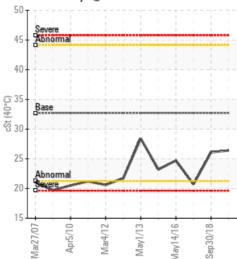
gaston.arseneault@hollyfrontier.com

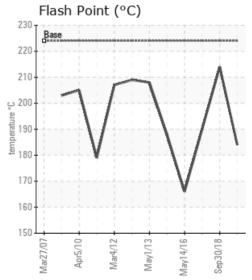
Recommendation: We can't explain why the viscosity remained identical but the flash point dropped by 30C. Contamination by asphalt, water or other elements is insignificant or non-detectable. No actions needed at this time. Re-sample at next scheduled interval.

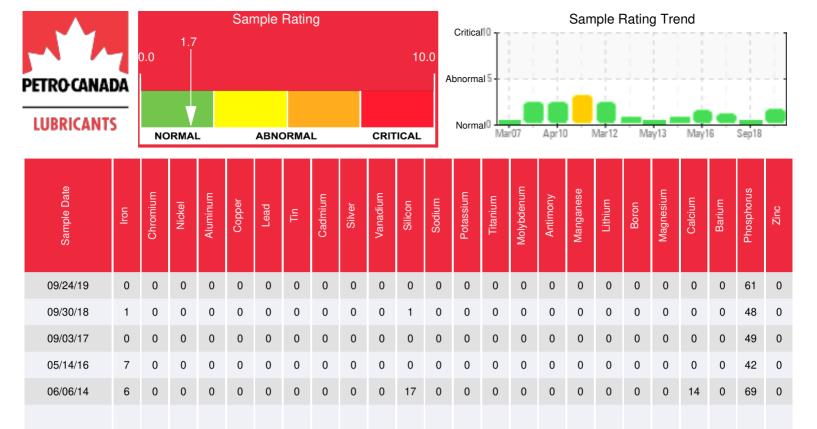
Comments: COC Flash Point is marginally low.







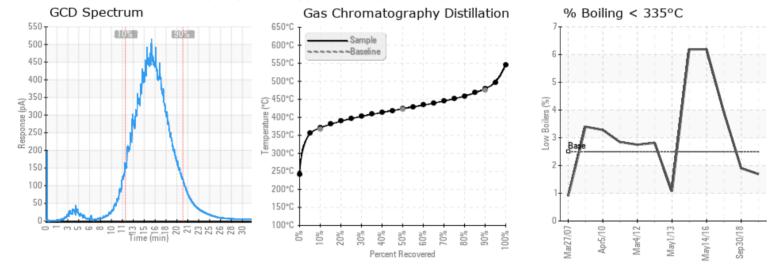




Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

0

Baseline Data



Historical Comments	
09/30/18	Flash point remains strong even if the viscosity hovers around 15% lower than fresh oil. Results appear to remain stable from year to year. Re-sample at next scheduled interval. No trace of contamination by asphalt or the elements or fluid degradation.
09/03/17	We can not explain why the oil viscosity dropped 20% yet the flash point increased by dozens of degrees. Anywho, no immediate action seems required at this time. Re-sample at next normal interval. Visc @ 40°C is abnormally low. COC Flash Point is marginally low.
05/14/16	COC Flash Point is abnormally low. GCD % at 335C is marginally high at 6.19% and should consider venting. Other properties look good. Resample next interval to monitor.
06/06/14	The oil carries a certain amount of low boilers. We recommend to vent them out and replace lost volume with fresh oil addition. COC Flash Point is marginally low.

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