



LINE 2 FILLED COATING CHROMALOX

Customer: PTRHTF10069

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

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System Information System Volume: 1890 gal

Bulk Operating Temp: 474F / 246C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make: CHROMALOX

Sample Information

Lab No: 02212715

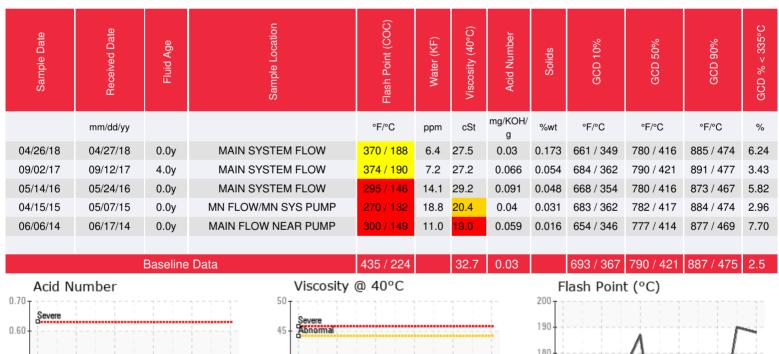
Analyst: Gaston Arseneault Sample Date: 04/26/18 Received Date: 04/27/18 Completed: 04/30/18

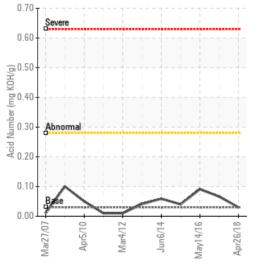
Gaston Arseneault

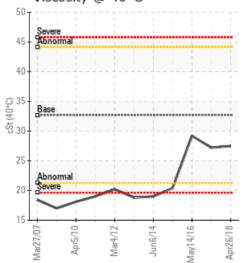
gaston.arseneault@hollyfrontier.com

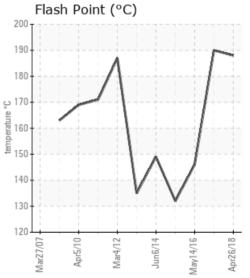
Recommendation: The results look identical to the previous sample which was a good improvement over the previous years when the flash point and the viscosity had dropped significantly. keep up our strong maintenance program.

Comments: COC Flash Point is marginally low.



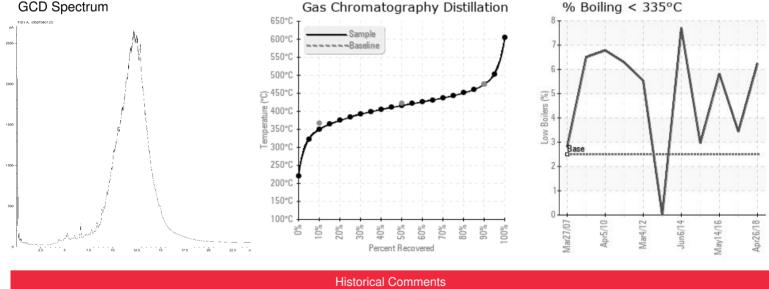








Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



The oil condition has improved over previous samples. The viscosity remains a little bit low. No immediate action is required at this time but you can vent the low boilers out and replace the lost volume with fresh oil as preventative measure. Re-sample at next normal interval. COC Flash Point is marginally low.

COC Flash Point is severely low. GCD % at <335C has increased to 5.8% and the presence of light ends can be seen in the GCD. IBP has also decreased to 164C. Recommend venting the system.

Flash point is severely low and system should be vented or fluid changed. Viscosity at 40C is substantially lower than new Calflo AF - investigate source. NOTE: Sample is more than 1 year old and was never completed. Closing out in LIMS system. COC Flash Point is severely low. Visc @ 40°C is abnormally low.

Flash point is severely low and system should be vented or fluid changed. Viscosity at 40C is substantially lower than new Calflo AF - investigate source. COC Flash Point is severely low. Visc @ 40°C is severely low.

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