

XST HOT OIL SYSTEM HEATING HTF

Customer: PTRHTF10048

MOMENTIVE PERFORMANCE

MATERIAL

703 SOUTH STREET

NEW SMYRNA BEACH, FL 32168 USA

Attn: Don Pultz Tel: (386)409-5524

E-Mail: donald.pultz@momentive.com

System Information

System Volume: 100 gal

Bulk Operating Temp: 305F / 152C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make: SPALTECH

Sample Information

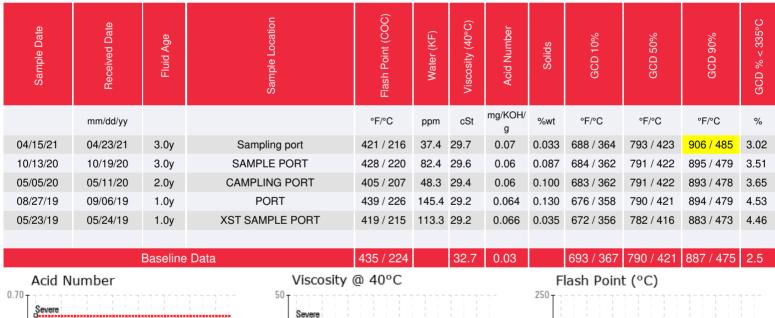
Lab No: 02416844 Analyst: Jake Finn Sample Date: 04/15/21 Received Date: 04/23/21 Completed: 05/03/21

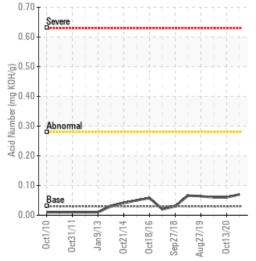
Jake Finn

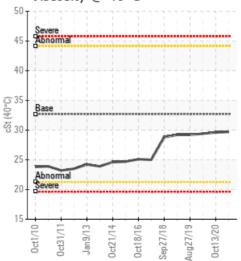
jake.finn@hollyfrontier.com

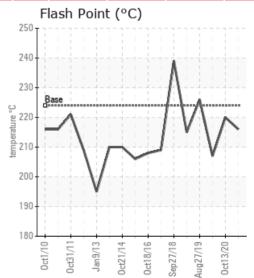
Recommendation: 90% Distillation point (GCD) is marginally high, but sample otherwise indicates fluid is suitable for continued use. Please sample and resubmit for testing in one year.

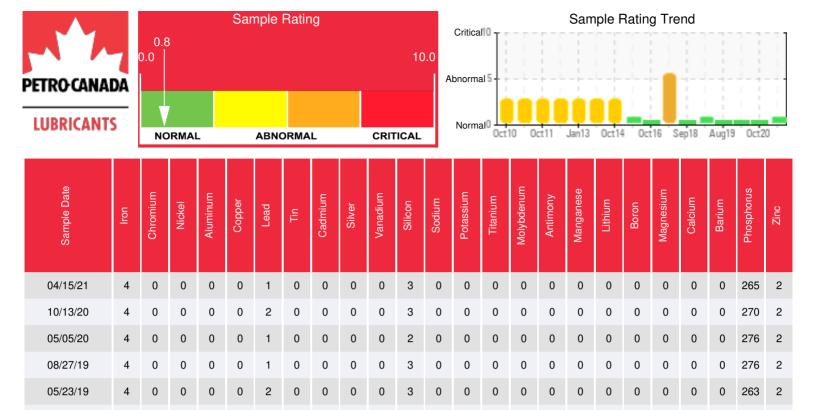
Comments: (GCD) 90% Distillation Point is marginally high.







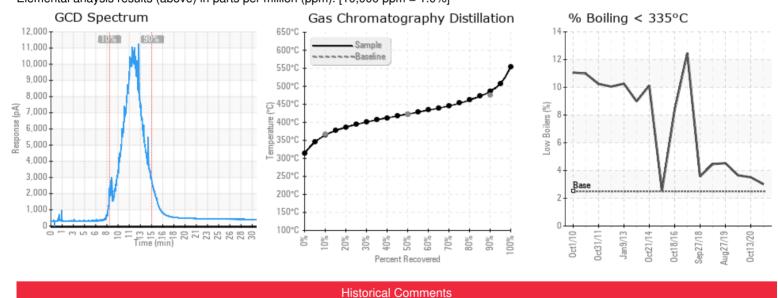




Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

0

Baseline Data



during a 'safe' down day. Change any system filters & filter system fluids with a kidney loop portable filter cart to maintain system cleanliness.

Petro-Canada CALFLO AF Fluid is suitable for continued use. Please re-submit next sample in May 2021

Sample is suitable for continued use. Please submit next sample on August 2020Very light debris noticed in the fluid. During any shutdown periods, the fluid could be filtered thru a kidney loop system to eliminate any debris/contamination. Emulsified water noticed by the lab which should evaporate off during normal operation at these elevated operating temperatures.

Fluid is suitable for continued use. Please re-submit sample in May 2020Fluid parameters appear to be in very satisfactory condition. Fluid appears to have a 'hazy' appearance and there is very lite debris present in the oil. Filtration of the fluid in the system during a safe 'down-time' could help in maintaining proper system cleanliness.

Fluid is satisfactory and suitable for continued use. Please re-submit sample in October 2021Very light debris noticed in sample. Mitigation can be performed

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