

Laminate Storage/Delivery Hot Oil System

Customer: PTRHTF10141

TAMKO BUILDING PRODUCTS

2300 35TH ST

0.20

0.00

Dec17/13

TUSCALOOSA, AL 35401 US

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System Information

System Volume: 110 gal

Bulk Operating Temp: 450F / 232C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO HTF

Make: Hy-Way

Sample Information

Lab No: 02586954 Analyst: Jake Finn Sample Date: 09/28/23 Received Date: 10/04/23 Completed: 10/06/23

Jake Finn

140

120 100

80

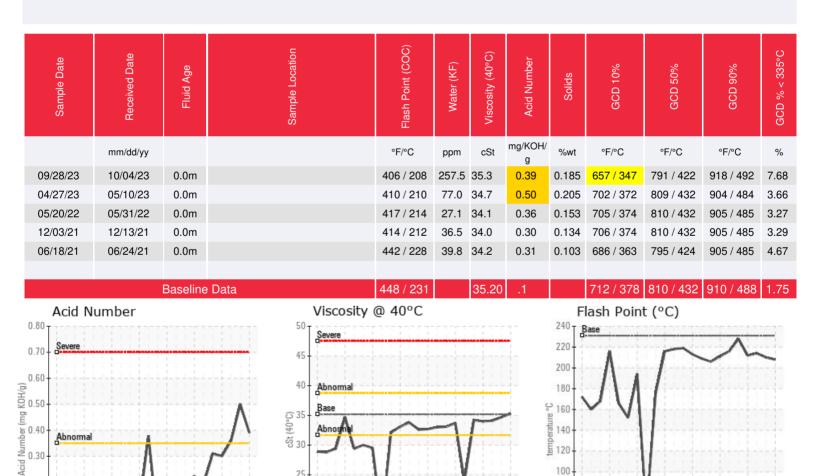
60

Jov10/14

jake.finn@HFSinclair.com

Recommendation: Acid number is still high but has improved from the previous sample that was taken earlier this year. Continue to monitor fluid condition and resample in 12 months.

Comments: Acid Number (AN) is abnormally high. (GCD) 10% Distillation Point is marginally low.



Dec17/13

Nov10/14

Nov5/15

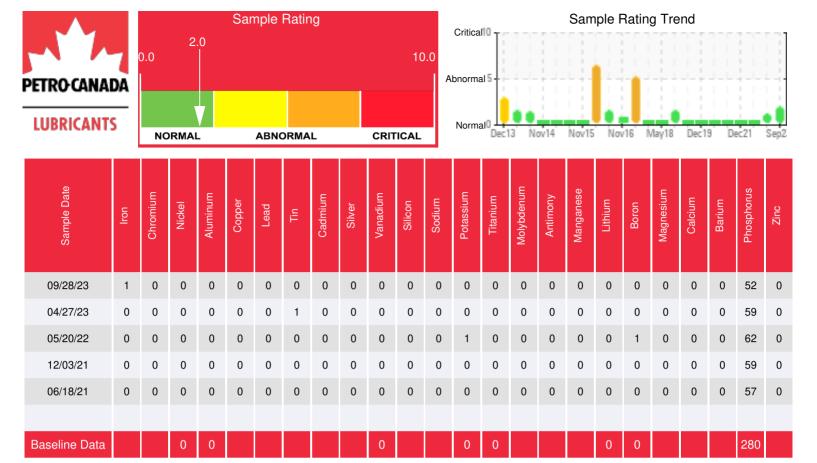
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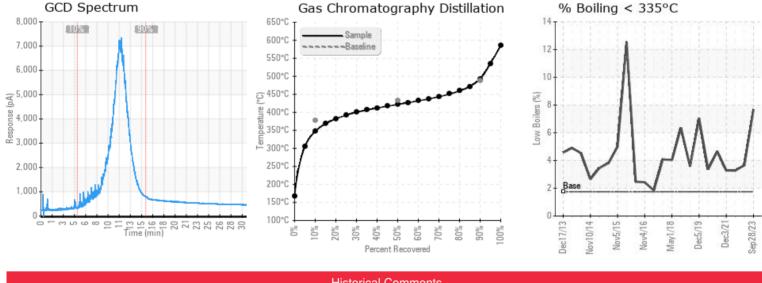
20

Dec5/19

Dec3/21



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



Historical Comments	
04/27/23	Sample shows no signs of wear or contamination. Acid number for this sample is high, but it does not appear that has any ill effect on the fluid or system, yet. There's no indication of how old the oil in the system is, but it may be time to consider replacing the fluid before the higher concentration of acids leads to adverse effects within the system. Otherwise the current fluid appears to be suitable for use. Please resubmit for testing in 12 months. Acid Number (AN) is abnormally high.
05/20/22	Sample indicates no signs of wear, contamination or fluid degradation. This fluid is suitable for continued use, please resample and submit for testing in 12 months.N/A
12/03/21	Sample is in good condition and indicates oil is suitable for continued use. Please resubmit for testing in one year.N/A
06/18/21	Results indicate that this system and fluid are in good condition, and the fluid is suitable for continued use. Please resubmit sample in 12 months for testing.N/A

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