

WEST HOT OIL SYSTEM

Customer: PTRHTF10004

ADM VITAMIN E PLANT 3700 EAST DIVISION STREET DECATUR, IL 62526 USA

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System Information

System Volume: 2200 gal

Bulk Operating Temp: 550F / 288C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: AMERICAN

Sample Information

Lab No: 02391630 Analyst: Joe Goecke Sample Date: 11/25/20 Received Date: 12/08/20 Completed: 12/11/20

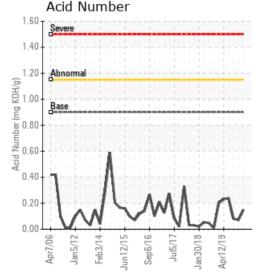
Joe Goecke

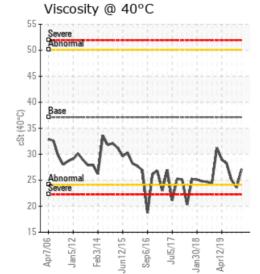
Joe.goecke@petrocanadalsp.com

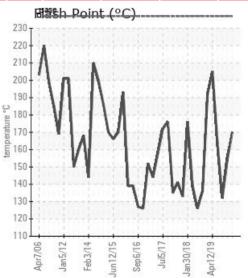
Recommendation: All indicators are better than previous sample. Viscosity is up, Flash point is up and low boilers are down. Continue to use and resample at next scheduled interval.

Comments: COC Flash Point is severely low. (GCD) 90% Distillation Point is marginally high.





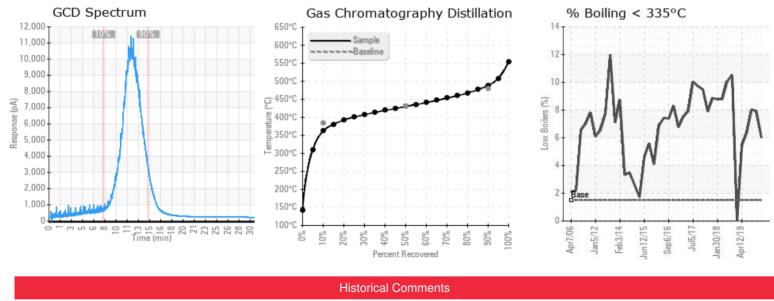






Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

08/25/20



high. (GCD) 10% Distillation Point is marginally low.

Viscoisty and flash point have dropped since last sample and are approaching a level of concern. Low boilers are up 2% and need to be monitored closer. continue to use but resample in 60 days. COC Flash Point is severely low. (GCD) % < 335°C is marginally high. (GCD) 10% Distillation Point is marginally low.

Flash point has dropped to a cautious level and low boilers are at 6%. Continue to monitor and resample at next interval. Increase of low boilers was slight. COC Flash Point is severely low.

This sample looks great. Minimal change from new oil. Flash point and low boilers acceptable. Continue to use and resample at next scheduled interval (GCD) 90% Distillation Point is abnormally high. COC Flash Point is marginally low.

Viscosity a bit lower, flash point actually a bit higher but still in the danger area. low boilers decreased a bit as well. system seems stable and okay to run to next sample date. COC Flash Point is severely low. Visc @ 40°C is abnormally low. (GCD) % < 335°C is marginally high. (GCD) 90% Distillation Point is marginally

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