

[06-12-044-13W5 / RMH] H-1611

Customer: PTRHTF20124

PEYTO EXPLORATION BOX 7198

EDSON, AB T7E 1V4 Canada

Attn: Brian Ford Tel: (780)712-0977 E-Mail: bford@peyto.com

System Information

System Volume: 0 ltr

Bulk Operating Temp: 383F / 195C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

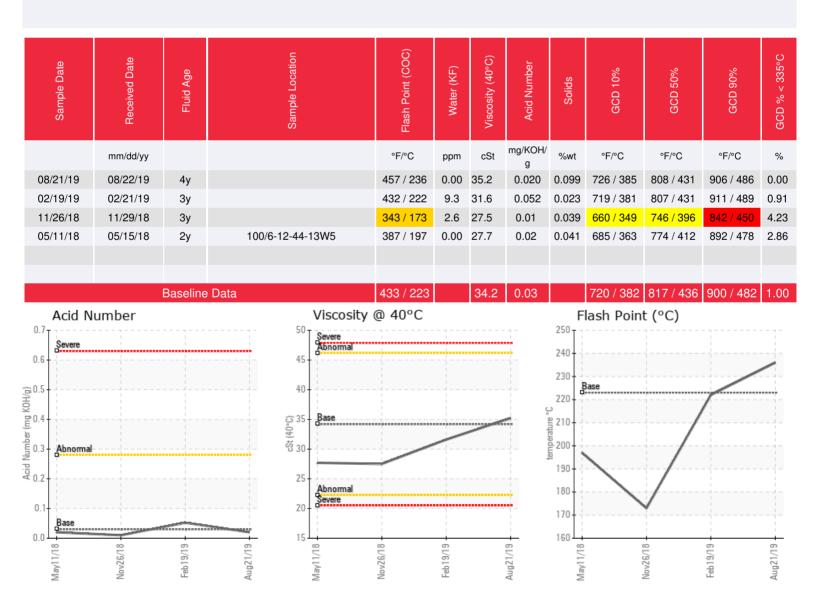
Make: HEAT TECH

Sample Information

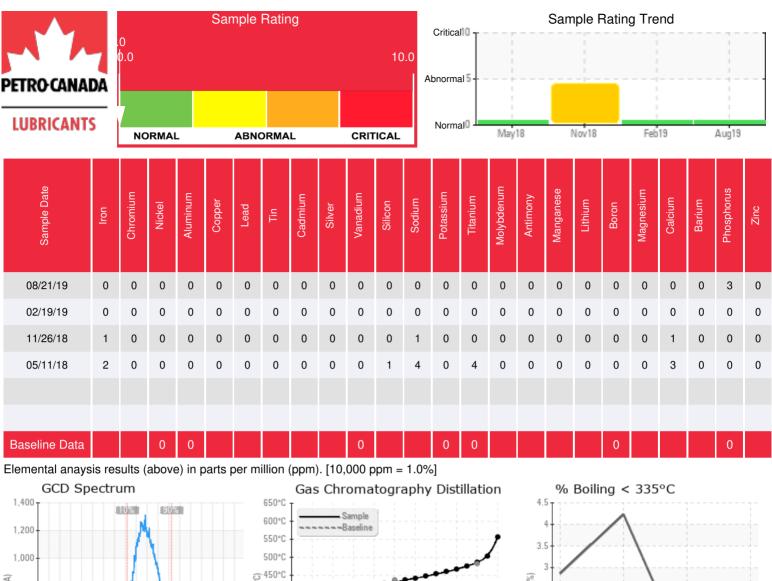
Lab No: 02304018 Analyst: Terry Veenstra Sample Date: 08/21/19 Received Date: 08/22/19 Completed: 08/26/19

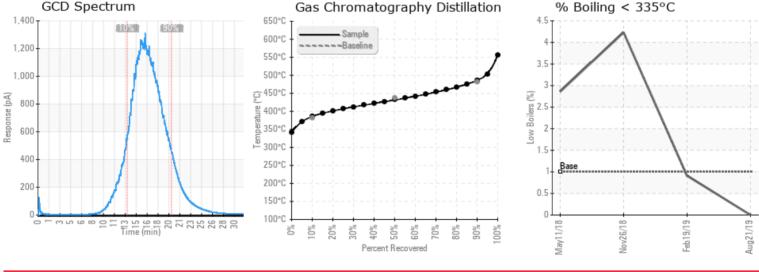
Recommendation: This sample indicates that the in service oil is good for continued use. Continue to vent periodically as part of a good maintenance program and resample in 6 months.

Comments:



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Historical Comments This fluid has greatly improved since the pressure has been reduced and the system has been vented. Continue to vent periodically as part of a good maintenance program and resample in 6 months. The condition of the fluid shows signs similar to thermal degradation but as commented previously this is most likely the effect of too high pressure blanket gas. The Flash Point has decreased further and the distillation curve is low as a whole. Percentage low boiler vapors has increased to 4.23%. This will become problematic for the pumps at 7-8%. Since this is probably the result of blanket gas ingress it looks like natural gas is still in use. The use of N2 is recommended. Please re-sample in 6 months. When sending in the sample please list system volume. Fluid is suitable for further use. (GCD) 90% Distillation Point is severely low. COC Flash Point is abnormally low. (GCD) 10% Distillation Point is marginally l

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