

6-33-53-12W5

Customer: PTRHTF20205

TERVITA BOX 38

NITON JUCTION, AB T0E 1S0 Canada

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System Information

System Volume: 4000 ltr

Bulk Operating Temp: 320F / 160C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

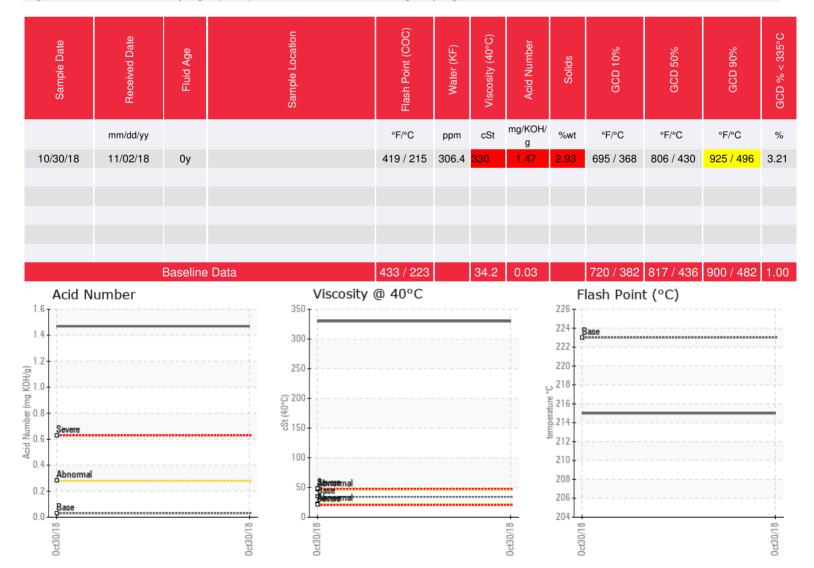
Make: PARKER BOILER

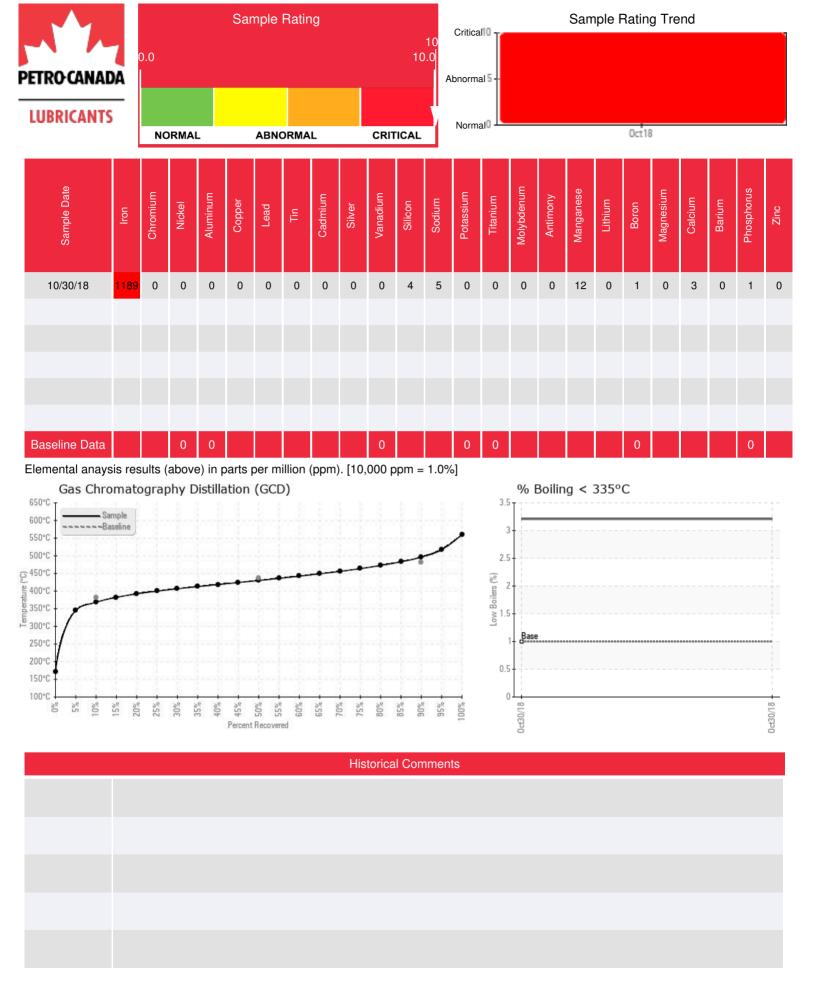
Sample Information

Lab No: 02249080 Analyst: Peter Harteveld Sample Date: 10/30/18 Received Date: 11/02/18 Completed: 04/02/19

Recommendation: The condition of the fluid is poor. It is recommended to clean the system and replace the fluid. It looks like the fluid is degraded by oxidation. High viscosity, Acid Number and elevated 90% GCD temperature are indications of that. As a result of oxidation the fluid has become acidic which has resulted in corrosion (hence the high Fe content) and a high solids content (drop-out of carbonaceous material). Oxidation of the fluid can be the result of not having blanket gas on the expansion tank. Please verify proper operation of the blanket gas system.

Comments: Iron ppm levels are severe. PQ levels are severe. Pentane Insolubles levels are severely high. Acid Number (AN) is severely high. Visc @ 40°C is severely high. (GCD) 90% Distillation Point is marginally high.





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