

# **HEAT TECH**

### Customer: PTRHTF10186

Bitumar USA Inc 7982 Huey Road

Douglasville, GA 30134 USA

Attn: Mike Walsh

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## System Information

System Volume: 0 gal

Bulk Operating Temp: 380F / 193C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: HEAT TECH

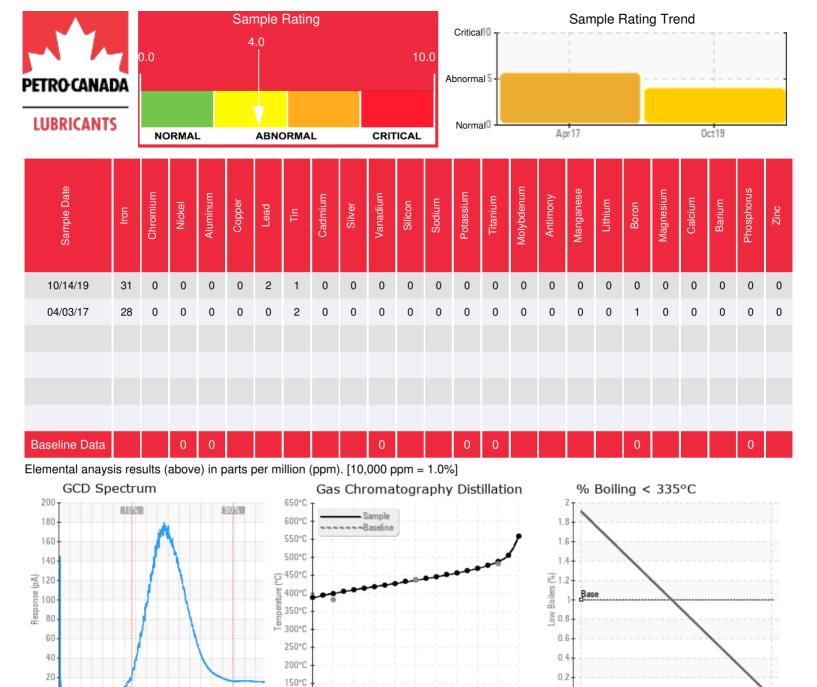
### Sample Information

Lab No: 02315202 Analyst: Manny Garcia Sample Date: 10/14/19 Received Date: 10/18/19 Completed: 10/27/19

Recommendation: Please consider changing out this heat transfer fluid charge and fill system with 'premium' virgin Petro-Therm as this fluid is NOT suitable for continued use.

Comments: Pentane Insolubles levels are severely high. Acid Number (AN) is abnormally high. Visc @ 40°C is abnormally high. (GCD) 10% Distillation Point is marginally high.





# Historical Comments Please include the exact Petro-Canada Heat Transfer fluid name on next scheduled used fluid sample; Water should be boiling off at temperatures above 212oF; Check for water ingression and mitigate; venting' the system can assist in lowering the high 90% distillation curve; If system has any filters, please maintain regularly/change asap; If the fluid is 10 years old, may want to schedule system drain/flush/re-fill with high quality Petro Canada Callfo/Petrotherm product; Consult with Tech Service Advisor for proper recommendation. Wear Metals are low; VERY HIGH WATER CONTANT; Acid content is satisfactory; (GCD) 90% Distillation Point is abnormally high. Viscosity is satisfactory; COC Flash Point is in check; Pentane insoluble are high; Very light White metal visible in sample; Very light debris visible in sample;

Percent Recovered

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100°C