

D1ROCKDALE

Customer: PTRHTF30107

D-CONSTRUCTION 16805 QUARRY RD MORRIS, IL 60450 USA

Attn: Chris Lenzie Tel: (815)405-6831

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System Information

System Volume: 600 gal

Bulk Operating Temp: 340F / 171C

CRITICAL

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: BURKE

Sample Information

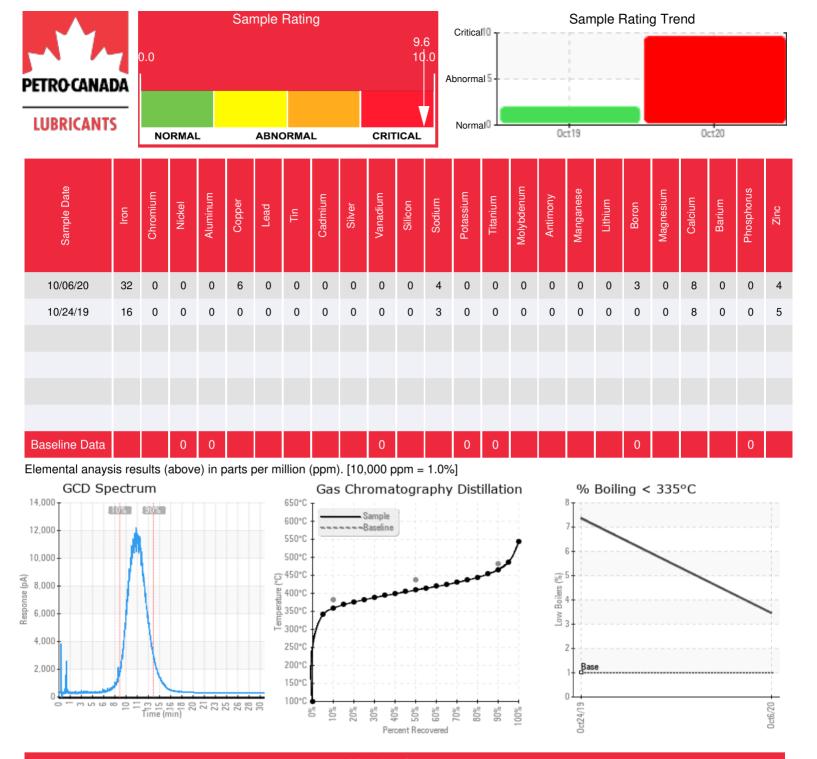
Lab No: 02381719 Analyst: Yvette Trzcinski Sample Date: 10/06/20 Received Date: 10/16/20 Completed: 10/22/20 Yvette Trzcinski

yvette.trzcinski@petrocanadalsp.com

Recommendation: This sample has over 10% water (15,000 ppm) and a high insoluble rate. Questioning where this sample was taken this amount of water would affect the performance of the system. Recommend re-sampling the system. Sample should be representative of the circulating fluid. Not taken from site gauges, or dead legs.

Comments: Water contamination levels are severely high. Water contamination levels are severely high. ppm Water contamination levels are severely high. Pentane Insolubles levels are abnormally high. Acid Number (AN) is abnormally high. Acid Number (AN) is abnormally high. (GCD) 90% Distillation Point is abnormally low.





Historical Comments Customer stated sample is Pritherm NF-1 an ISO 22 heat transfer fluid the 90% distillation point is high which would mean the fluid is beginning to degrade or oxidize, but the acid number and viscosity appear within specification and the solids are low. Resample in 6 months (GCD) 90% Distillation Point is severely high.

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