

30K HOGAN ASPHALT STATEN ISLAND NY

Customer: PTRHTF10211

Prime Lube Inc. 1900 South Ave

Staten Island, NY 10314 USA

Attn: Gerry Haefing

Tel:

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System Information

System Volume: 1000 gal

Bulk Operating Temp: 300F / 149C

Heating Source:

Blanket: Fluid: N/A

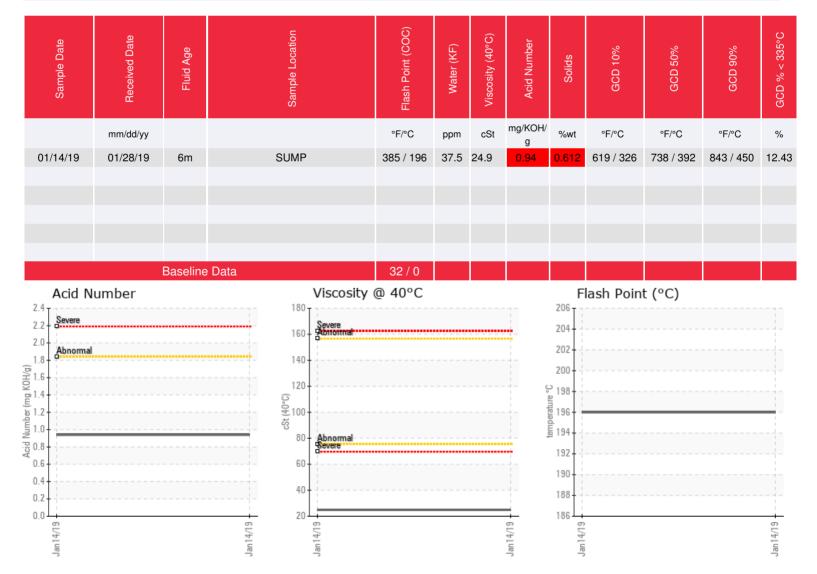
Make: INFERNO THERM

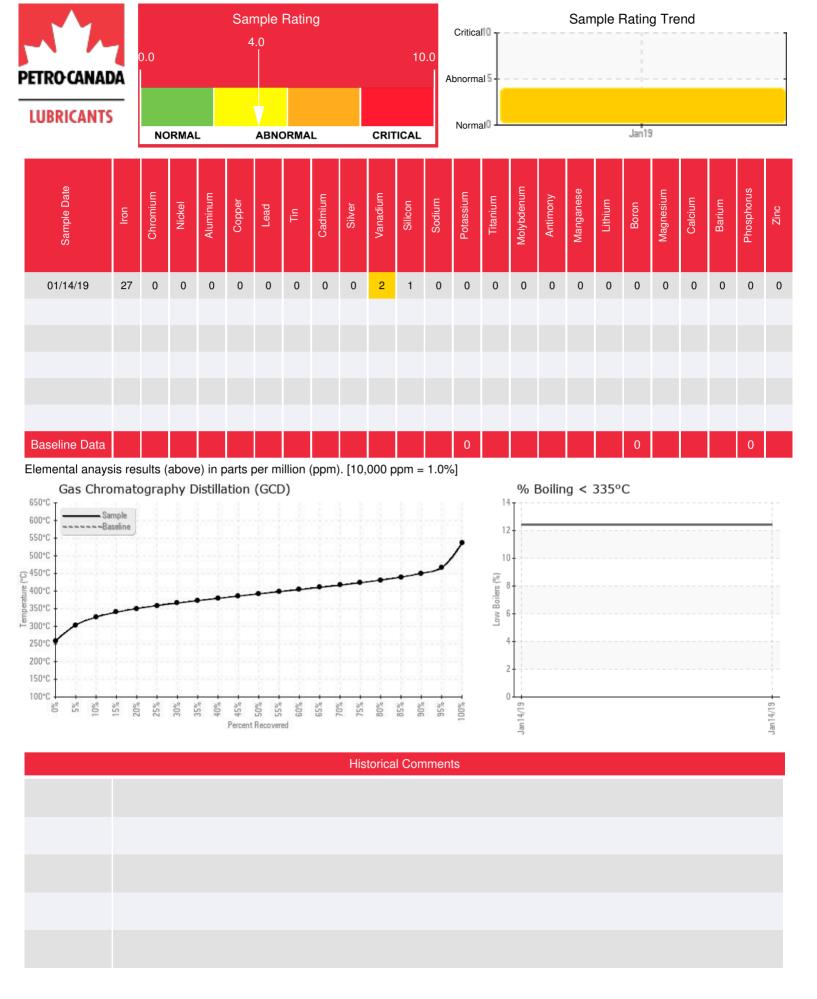
Sample Information

Lab No: 02264750 Analyst: Doug Vrooman Sample Date: 01/14/19 Received Date: 01/28/19 Completed: 02/04/19

Recommendation: *** NOTE: transformer/insulating fluid is not intended for use as a heat transfer fluid. Suspect that this product will oxidize and thicken rapidly creating a large amount of sludge and deposits *** With the combination of Vanadium @ 2, Acid Number @ .94 and Pentane Insolubles @ .612, the indications are that the fluid is very degredated. Vanadium is usually from a past or present asphalt leak into the heat transfer fluid. High acid number represents oxidation of the fluid and pentane insolubles represent particulates not present in fresh oil. These factors directly impact the viscosity and efficiency of the heat transfer fluid. Based on the analysis of the fluid and improper fluid, consider a drain, clean, flush and fill.

Comments: Pentane Insolubles levels are severely high.





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