



THERMAL ENERGY PLANT

Customer: PTRHTF20179

Canfor - Polar 36654 Hart Highway General Delivery

Bear Lake, BC V0J 3G0 Canada

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System Information

System Volume: 0 gal

Bulk Operating Temp: 446F / 230C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: DELTECH

Sample Information

Lab No: 02398419 Analyst: Ray Rolston Sample Date: 01/11/21 Received Date: 01/19/21 Completed: 01/20/21

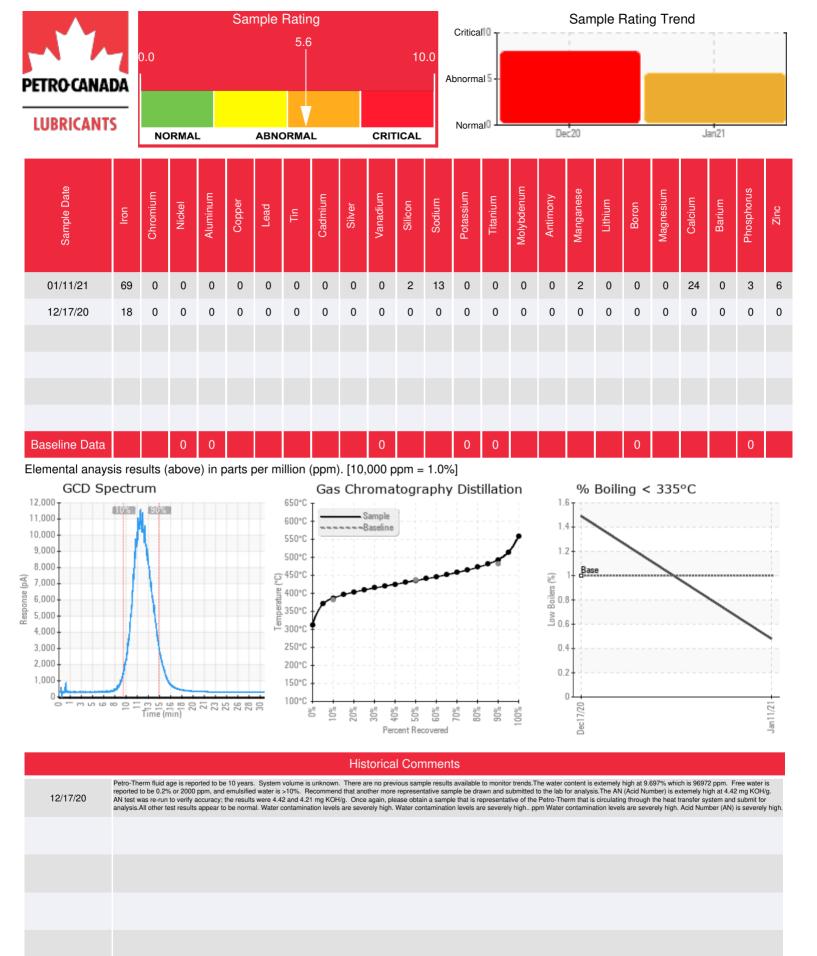
Ray Rolston

Ray.Rolston@petrocanadalsp.com

Recommendation: This January 11, 2021 sample appears to be similar to the last sample dated November 19, 2020. The Acid Number (AN) is 0.80 mg KOH/g which is essentially unchanged since the last sample which was 0.89 mg KOH/g. The Pentane Insolubles (solids) content has increased from 1.85% on the previous sample to 2.46%. Both test results are beyond condemning guidelines. All other test results are normal and typical for the age of this fluid.

Comments: Pentane Insolubles levels are severely high. Acid Number (AN) is severely high. (GCD) 90% Distillation Point is marginally high.





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