

## 211-001

## Customer: PTRHTF60067

Glenn O Hawbaker Inc. 165 Bedrock Ln.

Bellefonte, PA 16823 US

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## System Information

System Volume: 500 gal

Bulk Operating Temp: 380F / 193C

Heating Source:

Blanket:

Fluid: MULTITHERM IG-4 Make: AMERICAN HEATER

## Sample Information

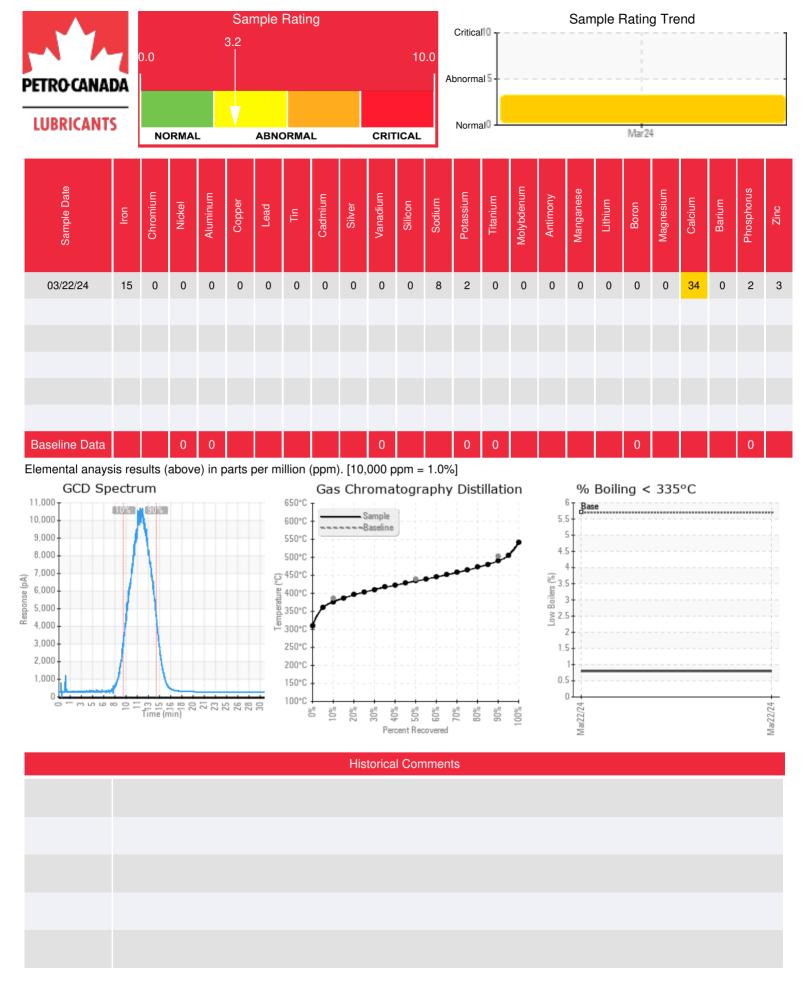
Lab No: 02626807 Analyst: Greg Fernandez Sample Date: 03/22/24 Received Date: 04/04/24 Completed: 04/16/24 Greg Fernandez

gregory.fernandez@hfsinclair.com

Recommendation: The sample submitted appears to be in generally good condition with no indications of contaminants or abnormal degradation. The fluid appears to be typical of an in-service fluid with some marginally elevated parameters that merit continued monitoring. As with other GOH samples, Calcium is high, likely due to airborne limestone in the localized environment. For future sampling and trending purposes, it is important to record system parameters such as Unit Age, Time on Oil, Fluid name/type if known, etc. when submitting samples.

Comments: Water contamination levels are marginally high. ppm Water contamination levels are marginally high. Calcium ppm levels are abnormally high. Visc @ 40°C is abnormally low. (GCD) 90% Distillation Point is marginally low.





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