

WAUPACA FOUNDRY Plant 2/3

Customer: PTRHTF10041

KUTTNER LLC. 211 N FRANKLIN ST

PORT WASHINGTON, WI 53074 US

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System Information

System Volume: 11000 gal

Bulk Operating Temp: 540F / 282C

Heating Source:

Blanket:

Fluid: PARATHERM NF Make: KUTTNER/WUERZ

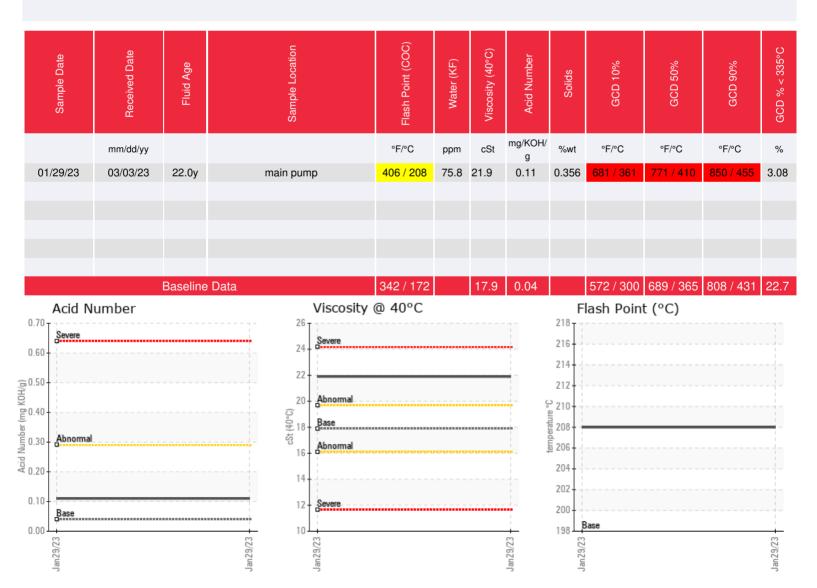
Sample Information

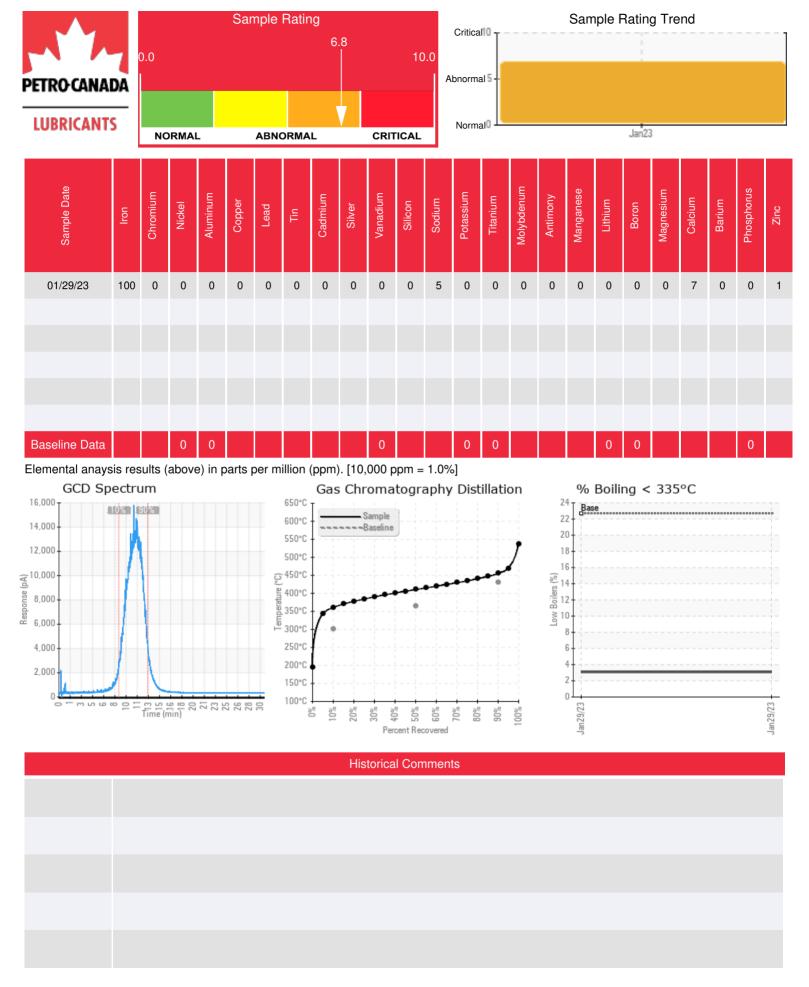
Lab No: 02543071 Analyst: Yvette Trzcinski Sample Date: 01/29/23 Received Date: 03/03/23 Completed: 03/16/23 Yvette Trzcinski

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Recommendation: viscosity, flash point, and GCD boiling points of the fluid has increased - appears the system has been topped up with a different heat transfer fluid other than Paratherm NF. Pentane Insolubeles (solids) show signs of fluid degradation in the system. It is important to understand if this is a mix of two different heat transfer. continue to monitor and resample in 6 months

Comments: (GCD) 10% Distillation Point is severely high. (GCD) 50% Distillation Point is severely high. (GCD) 90% Distillation Point is severely high. COC Flash Point is marginally high.





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