

Portable System

Customer: PTRHTF10266

Kartechner Brothers W12250 Reeds Corners Road Ripon, WI 54971 US Attn: Joab Homan

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System Information

System Volume: 300 gal

Bulk Operating Temp: 325F / 163C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: Hy-Way Heater

Sample Information

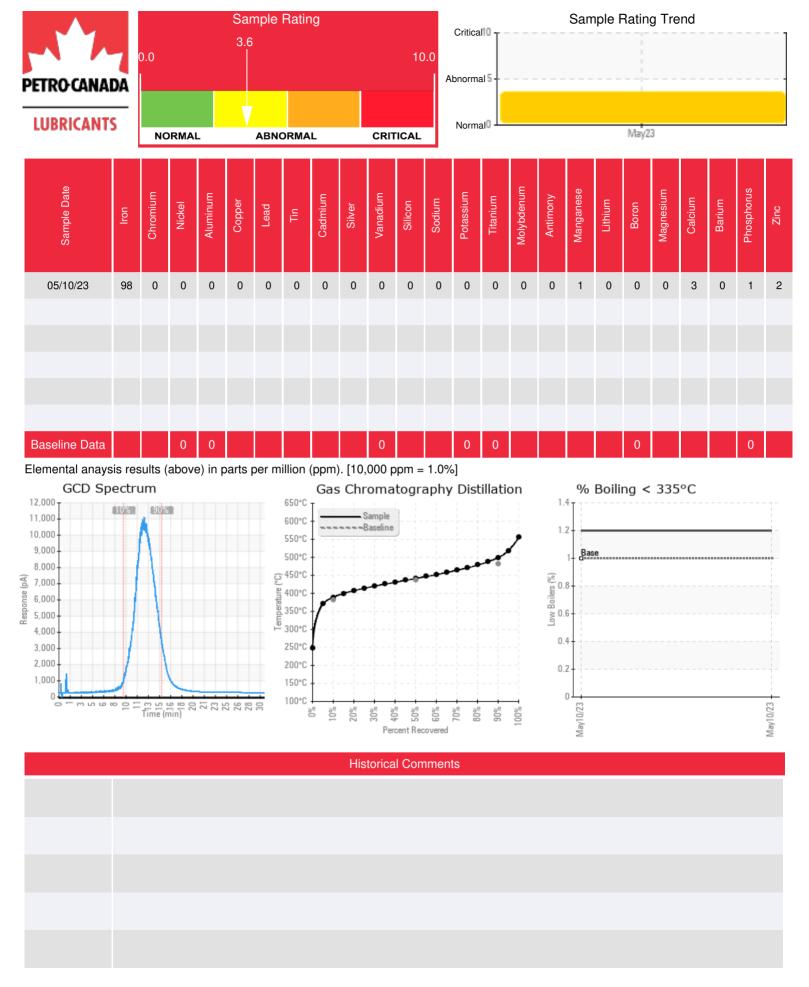
Lab No: 02558214 Analyst: Yvette Trzcinski Sample Date: 05/10/23 Received Date: 05/17/23 Completed: 06/02/23 Yvette Trzcinski

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Recommendation: Showing signs of severed oxidation of the fluid viscosity increased by 16% as well as the acid number. The solids is at 0.746 which means there is oxidation material and solids in the oil which can plate out in the system and cause issues with proper operation, the warning limit is > 0.5% The flash point is still at an acceptable level. Filtering of the oil can help with removal of the solids which can help provide longer time to operate. I would consider changing the fluid by the end of the year

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





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