

## [D-4 Morris plant] LISBON IL

## Customer: PTRHTF30107

D-CONSTRUCTION 16805 QUARRY RD MORRIS, IL 60450 USA

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## System Information

System Volume: 400 g

Bulk Operating Temp: 350F / 177C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: HEAT TECH

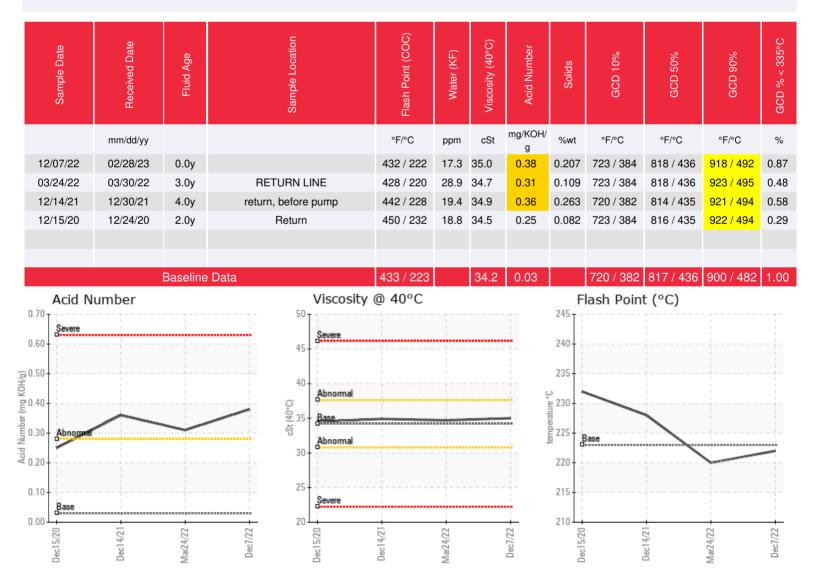
## Sample Information

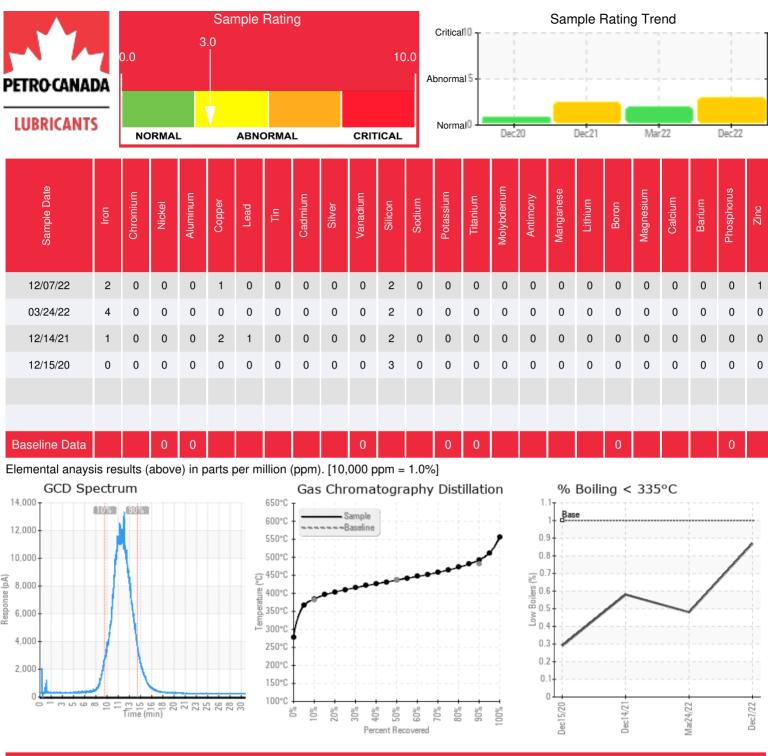
Lab No: 02542195 Analyst: Yvette Trzcinski Sample Date: 12/07/22 Received Date: 02/28/23 Completed: 03/06/23 Yvette Trzcinski

yvette.trzcinski@HFSinclair.com

Recommendation: Some continued oil oxidation is occurring as evidence of the increase in the Acid number and the Pentane Insolubles and the GCD 90% boiling point temperature. Fluid is acceptable for continued use resample in 6-12 months

Comments: Acid Number (AN) is abnormally high. (GCD) 90% Distillation Point is marginally high.





Historical Comments	
03/24/22	Acid number is slightly high but all other parameters look good. Continue to use an resample at next scheduled interval. Acid Number (AN) is abnormally high. (GCD) 90% Distillation Point is marginally high.
12/14/21	There is some degradation and oxidation occuring in the system. The Acid number is increasing as well as the boiling point - GCD 90%. Fluid is suitable for continued use but resample in 12 months to monitor acid number and degradation level Acid Number (AN) is abnormally high. (GCD) 90% Distillation Point is marginally high.
12/15/20	Sample specifications are all within acceptable limits and product looks good for continued service. Re-sample in 6-12 months (GCD) 90% Distillation Point is marginally high.

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