



CHICAGO OGDEN PLANT

Customer: PTRHTF30109

RELIABLE MATERIALS LLC 5500 S PULASKI CHICAGO, IL 60629 USA

Attn: Bob Madden Tel: (630)774-4120

E-Mail: rmadden@biganepaving.com

System Information

System Volume: 600 gal

Bulk Operating Temp: 325F / 163C

Heating Source:

Blanket:

Fluid: PARATHERM HE

Make:

Sample Information

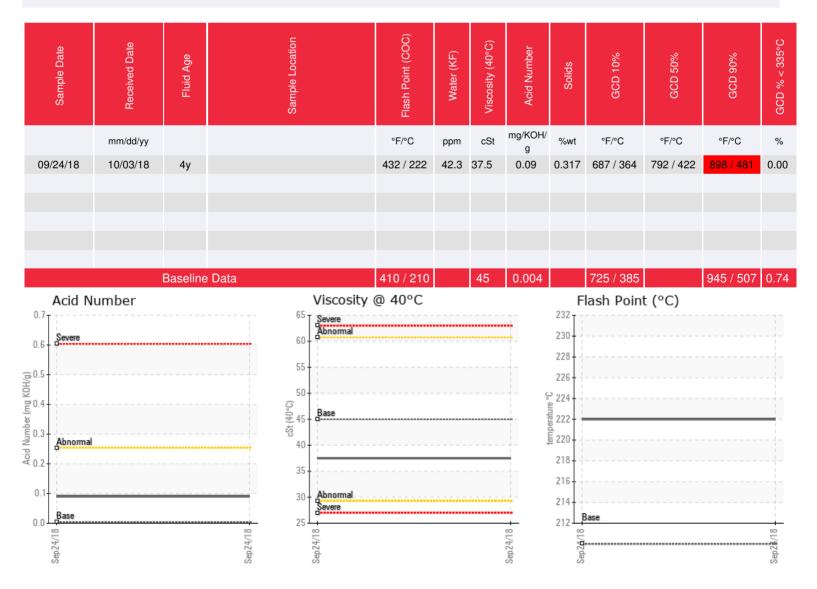
Lab No: 02242965 Analyst: Yvette Trzcinski Sample Date: 09/24/18 Received Date: 10/03/18 Completed: 10/10/18

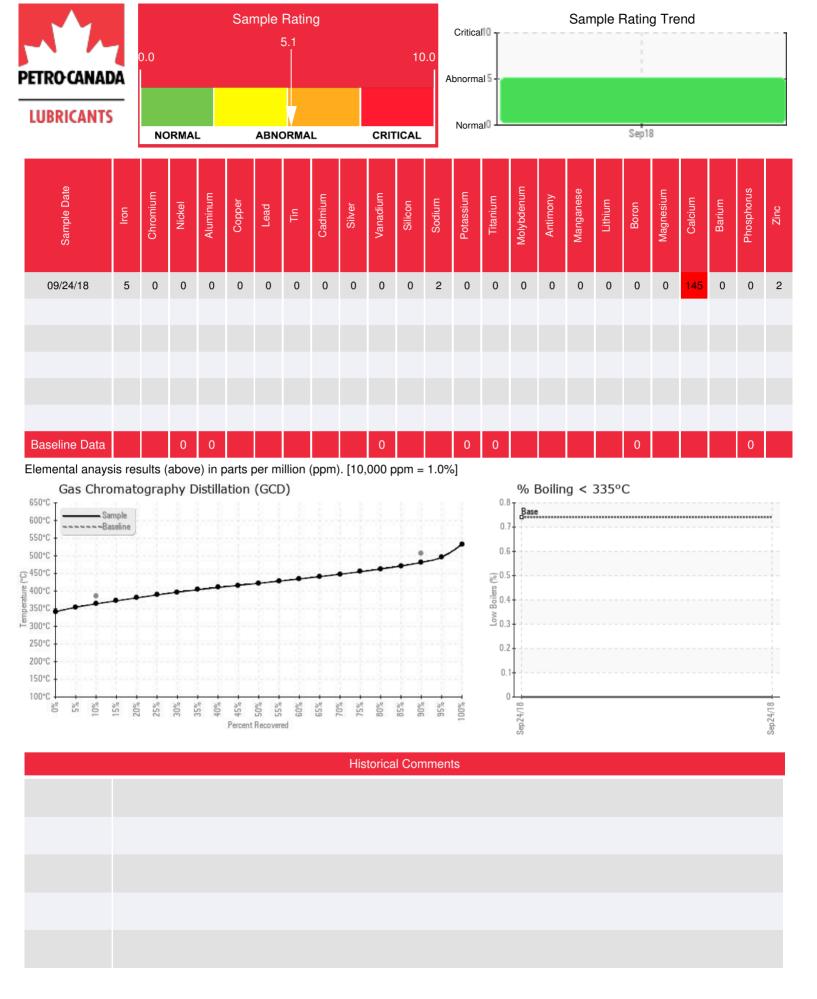
To discuss this report contact Yvette

Trzcinski at (262)933-0718

Recommendation: The sample shows signs of thermal cracking - the GCD distillation points at 10% and 90% are lower than for new oil the fluid is thermally degrading creating lighter/shorter hydrocarbons lowering viscosity which is 10% lighter than new fluid and can lead to heavy carbonaceous deposits that can foul the system leading to system inefficiencies.

Comments: (GCD) 90% Distillation Point is severely low. Calcium ppm levels are severely high.





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