

## VONCO204603

## Customer: PTRHTF10225

MINNESOTA PAVING 518 28 AVE S.

WAITE PARK, MN 56387 USA

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## System Information

System Volume: 350 ltr

Bulk Operating Temp: 350F / 177C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: CEI

## Sample Information

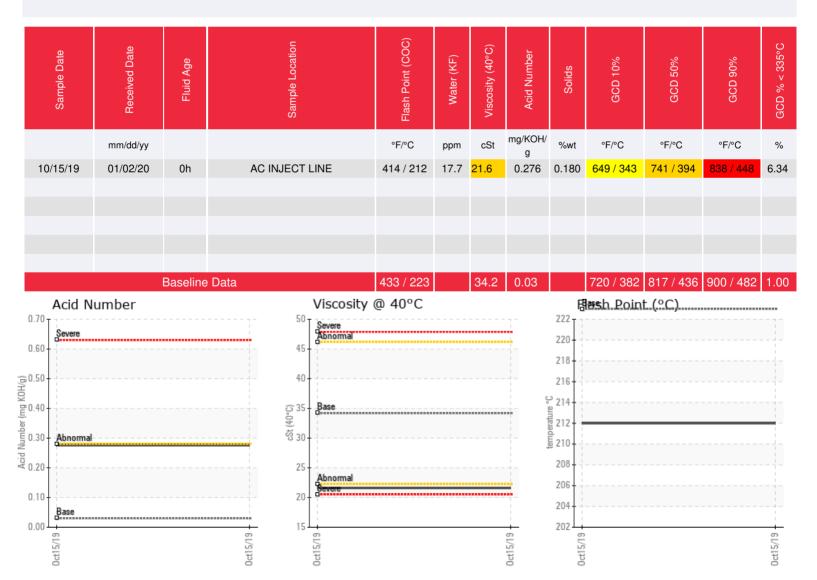
Lab No: 02329488 Analyst: Neil Buchanan Sample Date: 10/15/19 Received Date: 01/02/20 Completed: 01/08/20

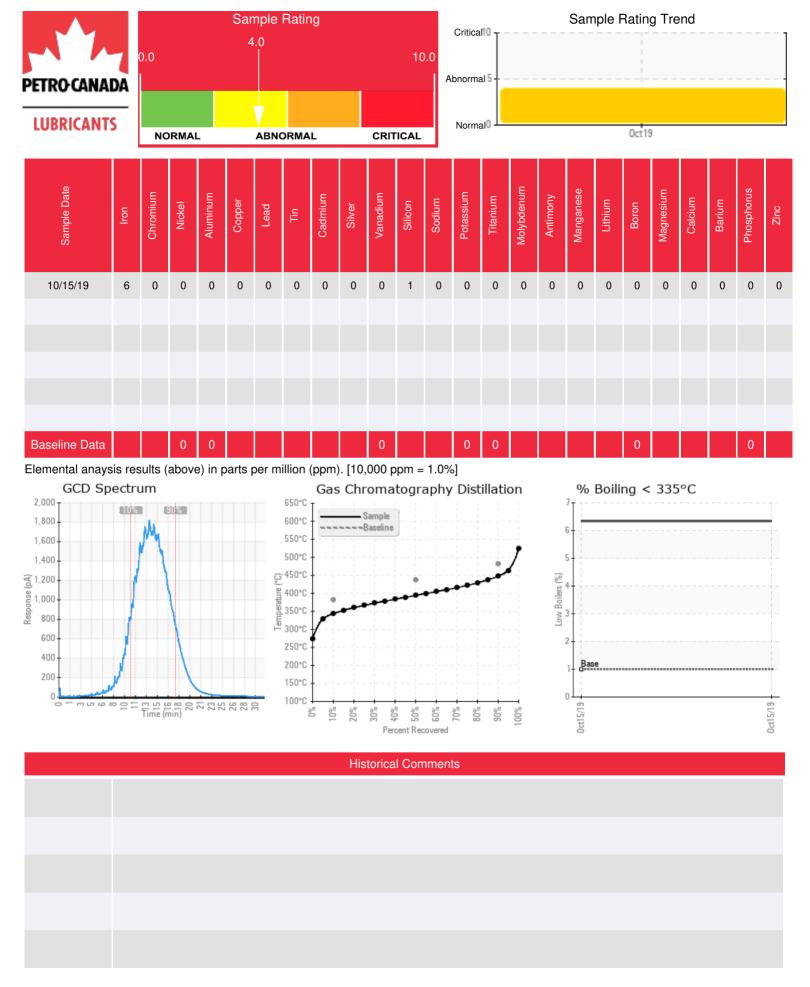
Neil Buchanan

neil.buchanan@petrocanadalsp.com

Recommendation: Viscosity is lower than new Petrotherm at 21.6 cSt versus 35.5 cSt. Some thermal cracking of the oil is evident with lower GCD results and lower viscosity but flash point is good at 212C. Acid Number is rising but below 0.5. Pentane insoluble are moderately high at 0.18% and suggest adding filtration. Resample next regular interval.

Comments: (GCD) 90% Distillation Point is severely low. (GCD) 50% Distillation Point is abnormally low. Visc @ 40°C is abnormally low. (GCD) 10% Distillation Point is marginally low.





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