

438-HO-003

Customer: PTRHTF20217

McAsphalt Industries LTD 4529 Industrial Park Rd Macklin, SK S0L 2C0 Canada

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System Information

System Volume: 7000 ltr

Bulk Operating Temp: 392F / 200C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: HEATEC

Sample Information

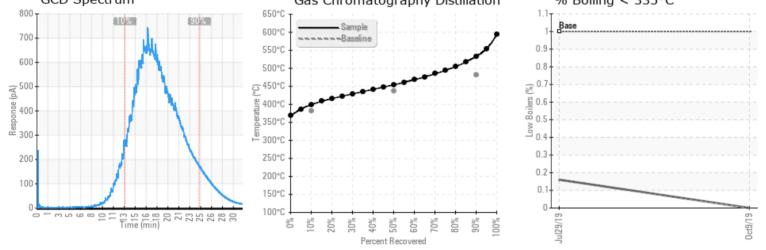
Lab No: 02313734 Analyst: Behshad Sabah Sample Date: 10/09/19 Received Date: 10/10/19 Completed: 10/21/19

Recommendation: High Viscosity and TAN show partially oxidation. no issue on Pentane Insoluble. the GCD at 90% is high which shows the evaporation of short chain hydro carbons. please monitor the oil. no sign of internal corrosion

Comments: (GCD) 90% Distillation Point is severely high. Visc @ 40°C is severely high. Acid Number (AN) is abnormally high. (GCD) 10% Distillation Point is marginally high. (GCD) 50% Distillation Point is marginally high. COC Flash Point is marginally low.







Historical Comments High Viscosity at 40 C, High Pentane Insoluble, and close to high TAN all indicate the oil oxidation, the high viscosity will reduce the heat transfer capacity of the

07/29/19 oil. please monitor the oil. very high distillation temperature at 90% indicates the high percentage of oil is cracked. Pentane Insolubles levels are severely high. (GCD) 90% Distillation Point is severely high. Visc @ 40°C is severely high. Acid Number (AN) is abnormally high.

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