



# **MONROE PLT #060**

### Customer: PTRHTF10044

LAKESIDE INDUSTRIES 14282 GALAXY WAY MONROE, WA 98272 US Attn: GARY SWANSON Tel: (360)794-3324

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## System Information

System Volume: 300 gal

Bulk Operating Temp: 350F / 177C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: CEI ENTERPRISES

### Sample Information

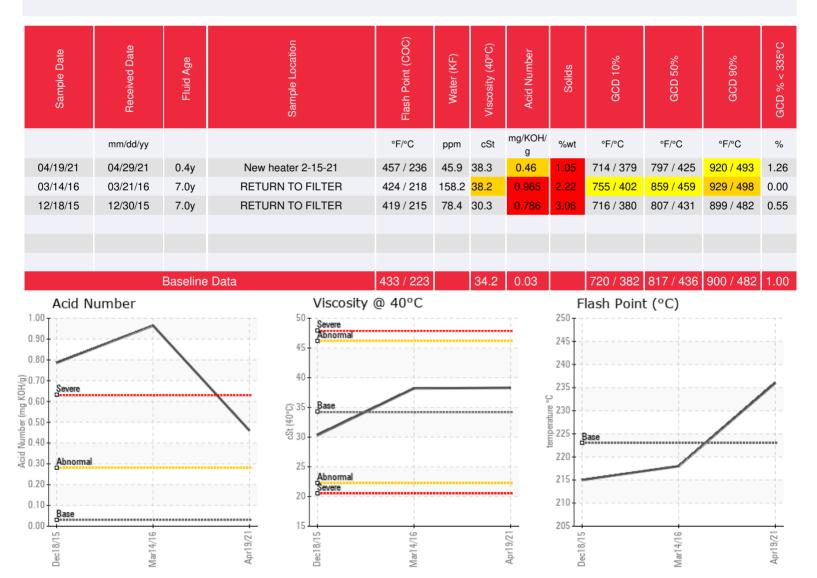
Lab No: 02417994 Analyst: Ron LeBlanc Sample Date: 04/19/21 Received Date: 04/29/21 Completed: 05/03/21

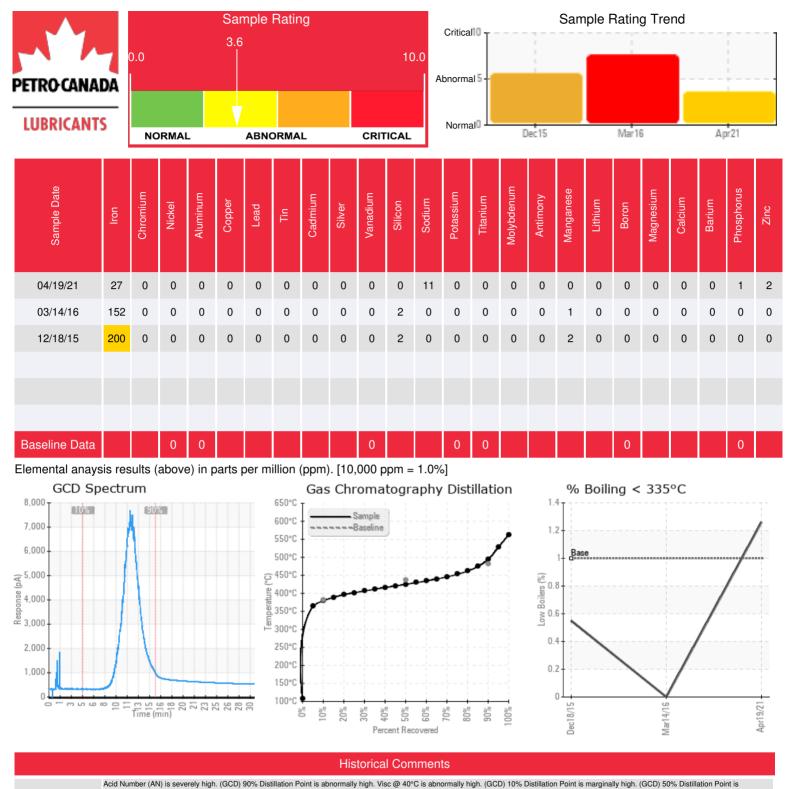
Ron LeBlanc

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Recommendation: The oil is very dirty. The Pentane insolubles indicate bery dirty oil. Most likely carbon residue as the 90% GDC point is high indicating high boilers. The viscosity is slightly high indication oxidation.

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





# marginally high. Water has increased almost double from last sample. TAN is elevated. Viscosity has increased as well. This can indicate that the sample point was not flushed properly before drawing sample. Purge a reasonable amount of oil from sample port and take another sample. Pentane Insolubles levels are severely high. Acid Number (AN) is severely high. (GCD) 90% Distillation Point is abnormally high. Visc @ 40°C is abnormally high. (GCD) 10% Distillation Point is marginally high. (GCD) 50% Distillation Point is marginally high. TAN is elevated. Si and Pentane are elevated. Si elevated indicates possibility of process components entering oil. Hours on the oil is not reported. Suggest resample to confirm results.Iron ppm levels are abnormal. Pentane Insolubles levels are severely high. Acid Number (AN) is severely high.

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