

## FT-0800-CU

## Customer: PTRHTF10255

MCCALL TERMINALS 5480 NW FRONT AVE PORTLAND, OR 97210 US

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## System Information

System Volume: 0 gal

Bulk Operating Temp: Not Specified

Heating Source:

Blanket:

Fluid: MULTITHERM IG-4

Make: FULTON

## Sample Information

Lab No: 02563972 Analyst: Ron LeBlanc Sample Date: 05/25/23 Received Date: 06/13/23 Completed: 07/11/23

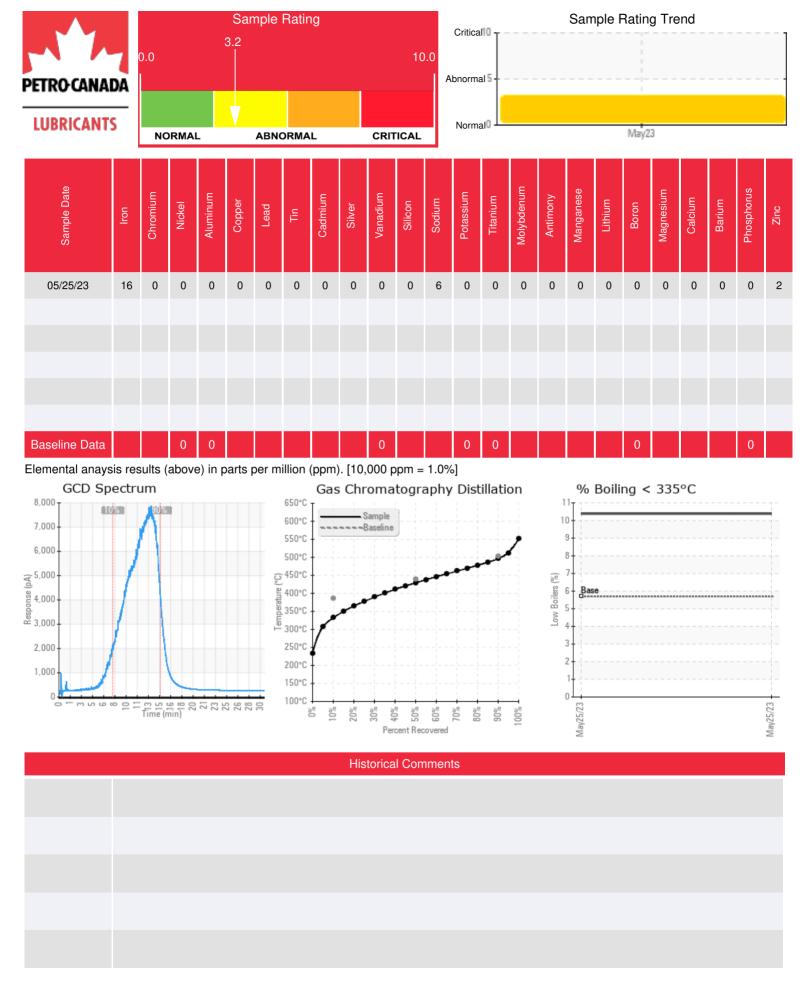
Ron LeBlanc

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Recommendation: (GCD) 10% Distillation Point is severely low. Light end boilers are boiling below actual typical of the oil. Visc @ 40°C is abnormally low indication thermal breakdown.Pentane insolubles are abnormally high indicating sludge, varnish and possible byproducts of thermal degradation.It appears the system needs cleaned, flushed and refilled with new HTF.

Comments: Pentane Insolubles levels are abnormally high. (GCD) 10% Distillation Point is severely low. Visc @ 40°C is abnormally low.





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