



## **HEAT TRANSFER SYSTEM**

## Customer: PTRHTF20069

SOPREMA 44955 YALE ROAD WEST CHILLIWACK, BC V2R 4H3 CANADA Attn: Ian Clarke

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## **System Information**

System Volume: 8400 ltr

Bulk Operating Temp: 527F / 275C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make: FULTON THERMAL

## Sample Information

Lab No: 02549456 Analyst: Ray Rolston Sample Date: 03/15/23 Received Date: 04/03/23 Completed: 04/10/23

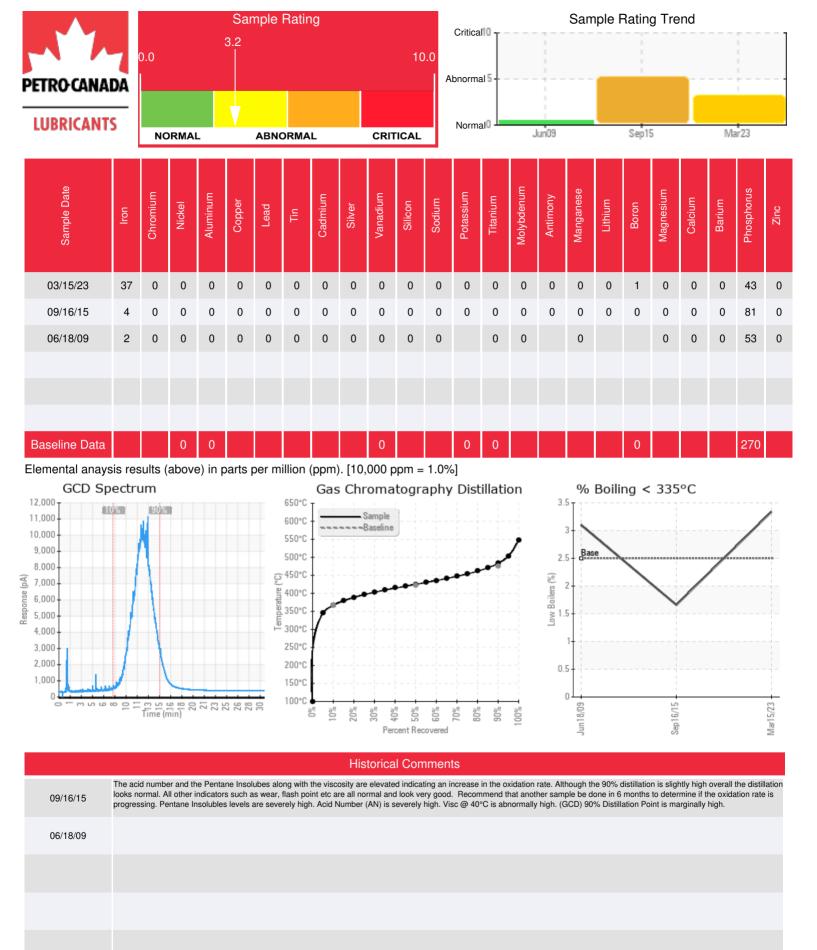
Ray Rolston

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Recommendation: Oil age, system age and operating temperature are not listed. Viscosity of 36.7 cSt @ 40 C is elevated. Acid Number is flagged caution at 0.53 mg KOH/g. IBP (Initial Boiling Point) is low suggesting the presence of thermally cracked low boilers. Pentane Insolubles (solids content) of 1.18wt% is above the condemning guideline of 0.5wt%. All of these values are lower than the previous test in Sep 2015. Recommend filtration to reduce sediment content and evacuate light ends (low boilers) if this can be accomplished safely. Re-sample in 6 months to monitor.

Comments: Pentane Insolubles levels are severely high. Acid Number (AN) is abnormally high. Visc @ 40°C is abnormally high.





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