



# 009-HE-103

## Customer: PTRHTF10177

Materia Inc 7629 State Hwy 75 South Huntsville, TX 77340 USA

Attn: Robert Durr Tel: (713)447-9561

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## **System Information**

System Volume: 300 gal

Bulk Operating Temp: 320F / 160C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO HTF

Make: ADVANTAGE

### Sample Information

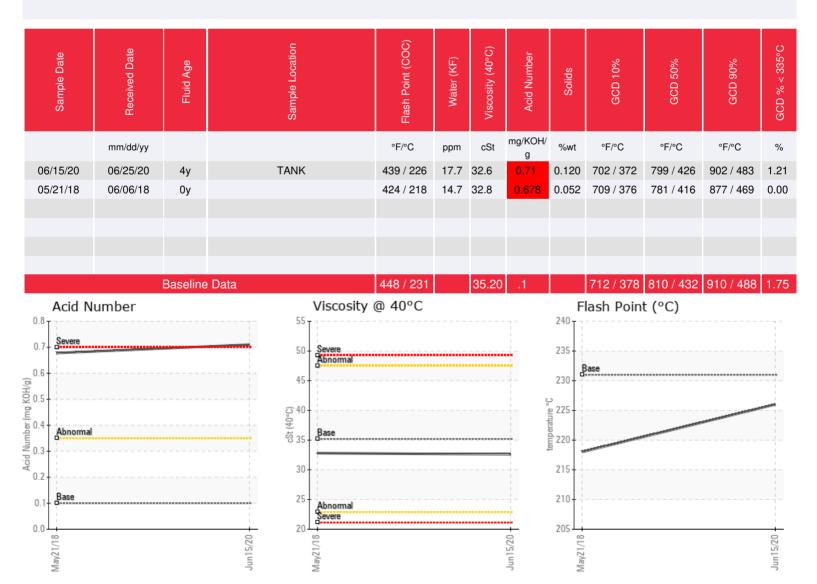
Lab No: 02361585 Analyst: Frank Hayes Sample Date: 06/15/20 Received Date: 06/25/20 Completed: 07/15/20

Frank Hayes

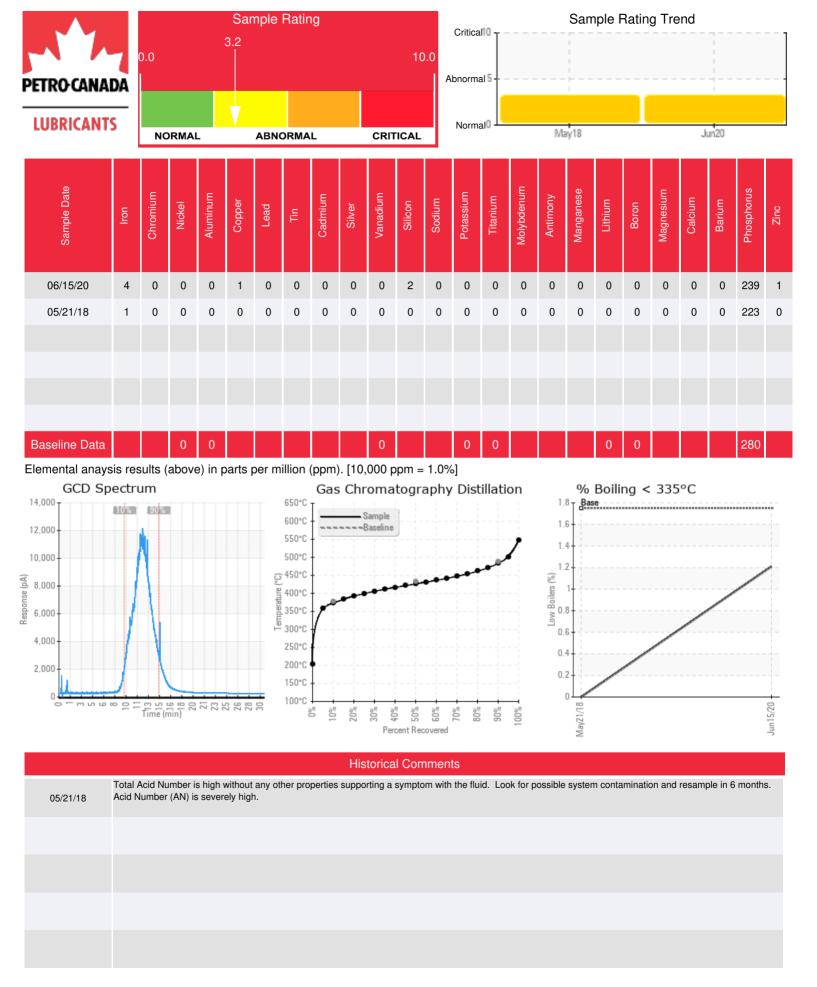
frank.hayes@petrocanadalsp.com

#### Recommendation:

Comments: Acid Number (AN) is severely high. However, AN has not changed significantly over the last two years. There is evidence of mild thermal degradation. Because of the acid number, stay cognizant of possible system erosion. To address the high AN, a system fluid change is warranted. Otherwise, thermal transfer rates should not have changed much over the last two years. If it has, then inspect the immersion heater, and look for carbon deposits.



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