

NORTH HOT OIL HEATER

Customer: PTRHTF10190

HOLLY FRONTIER ASPHALT 7110 W. NORTHERN AVENUE GLENDALE, AZ 85303 USA

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System Information

System Volume: 10000 gal

Bulk Operating Temp: 460F / 238C

Heating Source:

Blanket: Fluid: N/A

Make: NAVAJO REFINING CO.

Sample Information

Lab No: 02155456 Analyst: Steven Slanker Sample Date: 06/08/17 Received Date: 07/04/17 Completed: 07/06/17

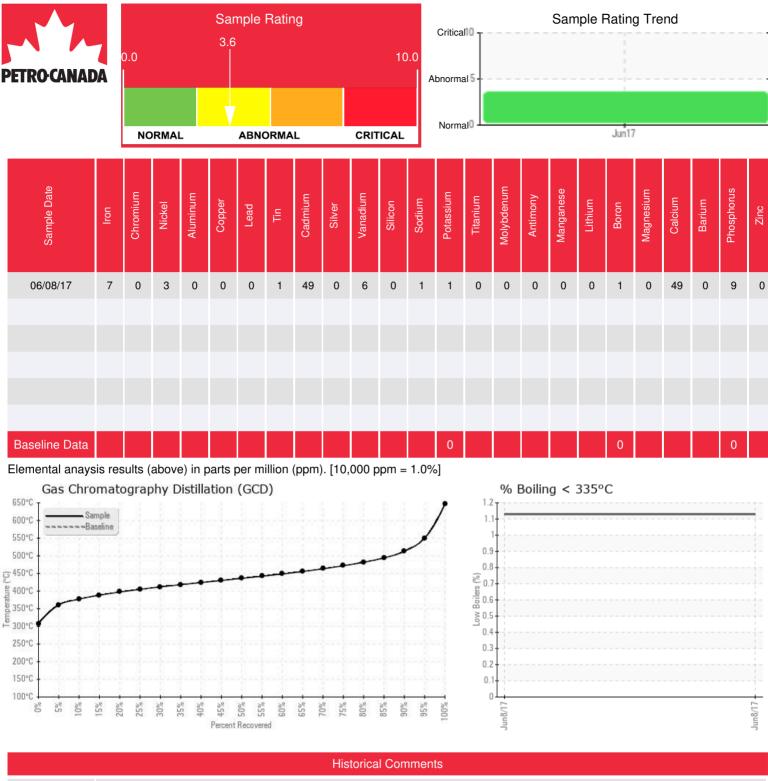
To discuss this report contact Steven

Slanker at (951)225-2115

Recommendation: Pentane insoluble are severely high as is the viscosity. Water content is also high. Recommend filtration, water removal and partial fluid replacement.

Comments: Pentane Insolubles levels are severely high. Water contamination levels are marginally high. Water contamination levels are marginally high. ppm Water contamination levels are marginally high. Visc @ 40°C is abnormally high.







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