## [BRAZEAU LOAD 3 / LSD: 9-6-63-25-W5] TANK TRUCK 3 - OFFLOAD INTO RE3 TANK

## Customer: PTRHTF20187

KEYERA ENERGY- SIMONETTE GAS

PLANT PO BOX 58

VALLEYVIEW, AB T0H 3N0 Canada

Attn: Iain Hamilton Tel: (403)651-2408

E-Mail: lain\_Hamilton@keyera.com

## System Information

System Volume: 23000 ltr

Bulk Operating Temp: Not Specified

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make:

## Sample Information

Lab No: 02425929 Analyst: Clinton Buhler Sample Date: 05/20/21 Received Date: 06/08/21 Completed: 06/14/21

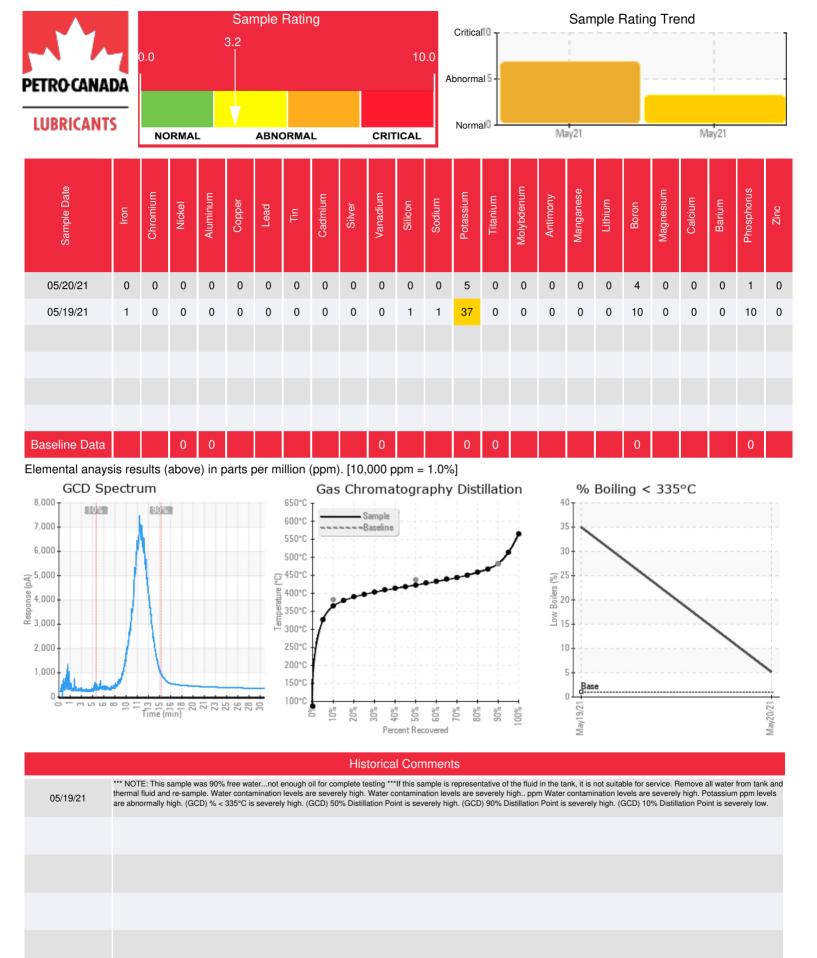
Clinton Buhler

Clinton.Buhler@hollyfrontier.com

Recommendation: The fluid is contaminated with excess water (3917 ppm and 1% emulsified water). If this sample is representative, there is risk of boil-over once put into service. High water content also is a catalyst for fluid oxidation and additive hydrolysis. It is advised to remove water from the fluid before use and before long-term storage. 5.15% low boiling vapor content, reduce flashpoint and fluid viscosity likely indicate mixing with process hydrocarbon if not from thermal degradation. This fluid would need to be vented once in service to remove low boiling vapors.

Comments: Water contamination levels are severely high. Water contamination levels are severely high. ppm Water contamination levels are severely high.





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