

## [13-25-80-16-W6M] H-5500-1 - Train 1

## Customer: PTRHTF20156

TOURMALINE OIL 9920 98a Ave

FORT ST. JOHN, BC V1J 1S2 Canada

Attn: Brandon Braun Tel: (250)262-5420

E-Mail:

Brandon.braun@tourmalineoil.com

## System Information

System Volume: 40000 ltr

Bulk Operating Temp: 464F / 240C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: PROPAK

## Sample Information

Lab No: 02227976

Analyst: Bill Quesnel CLS, OMA II, MLA-

III,LLA-I

Sample Date: 07/12/18 Received Date: 07/13/18 Completed: 08/12/20

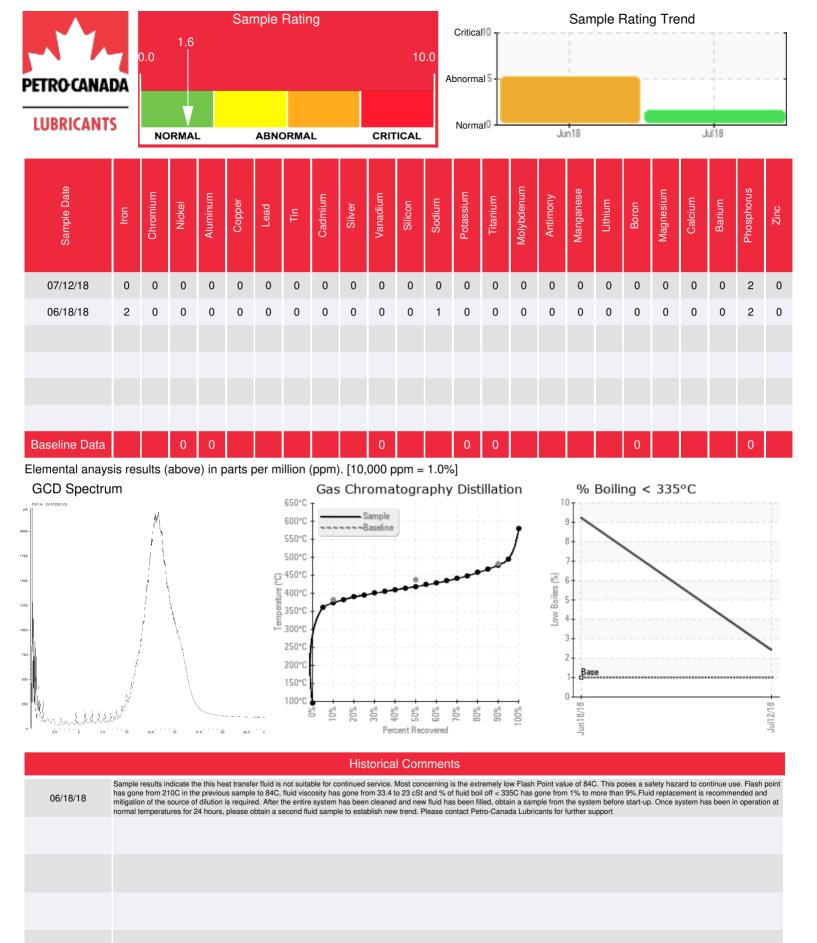
Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: Sample results indicate that the fluid has a very low flash point (100C). This can be a safety risk. There is some improvement since the last sample in flash point and distillation values, however, AN has increased. If venting has been occurring since the last sample, exposing the fluid to air can increase acidity via oxidation. Consider fluid replacement as the safest method to bring flash point back to acceptable values. Re-sample once fluid has been restored.

Comments: COC Flash Point is severely low.



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