

[Tourmaline / 3-16-60-02W6] HEAT MEDIUM

Customer: PTRHTF20175

QUADRA CHEMICALS 7802 98 STREET

CLAIRMONT, AB T0H 0W0 Canada

Attn: Quadra Samples

Tel:

E-Mail: quadra samples@quadra.ca

System Information

System Volume: 23000 ltr

Bulk Operating Temp: 374F / 190C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: HTH HEATECH INC

Sample Information

Jan20

Jan21

Lab No: 02401813 Analyst: Clinton Buhler Sample Date: 01/26/21 Received Date: 02/04/21 Completed: 02/09/21

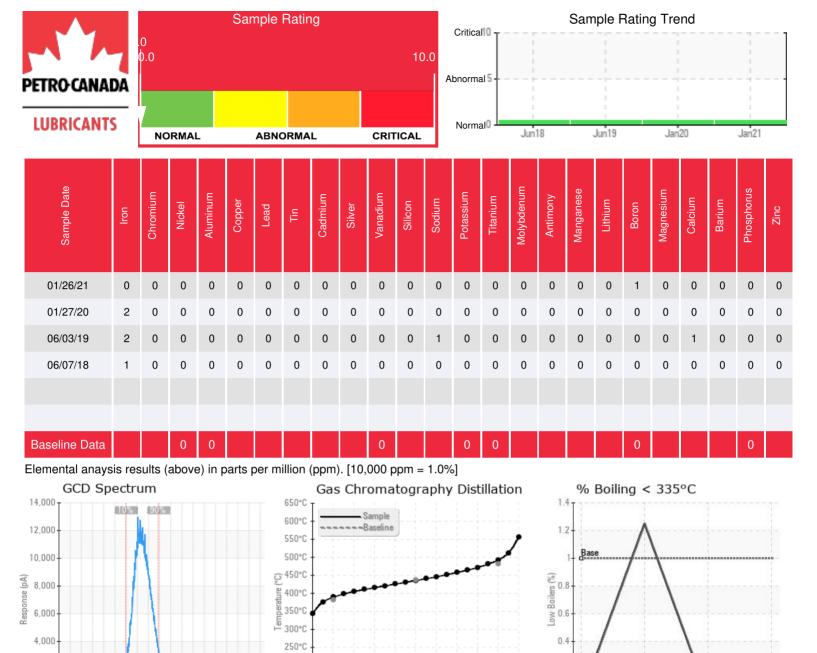
Clinton Buhler

Clinton.Buhler@hollyfrontier.com

Recommendation: Sample results indicate that the heat transfer fluid is in suitable condition for continued service; fluid is in very healthy condition. Please re-sample in one year.

Comments:





| Historical Comments | |
|---------------------|--|
| 01/27/20 | Sample results indicate that the fluid is suitable for continued service. Please re-sample in 12 months |
| 06/03/19 | Sample results indicate that the heat transfer fluid is suitable for continued service. Please re-sample in 12 months |
| 06/07/18 | Sample results indicate that the heat transfer fluid is suitable for continued service. To build a trend for this unit, and to monitor fluid performance, please resample in 6 months. |
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| | |

Percent Recovered

0.2

Jun3/19

Jan 27/20

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200°C

150°C 100°C

2,000