

# [Steelman Gas Plant / 12-21-4-5W2] HOT OIL SYSTEM

## Customer: PTRHTF20185

STEEL REEF 16-08-04-03 W2

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### System Information

System Volume: 30000 ltr

Bulk Operating Temp: 536F / 280C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make:

### Sample Information

Lab No: 02536791 Analyst: Lyle Dach Sample Date: 01/26/23 Received Date: 01/31/23 Completed: 02/07/23

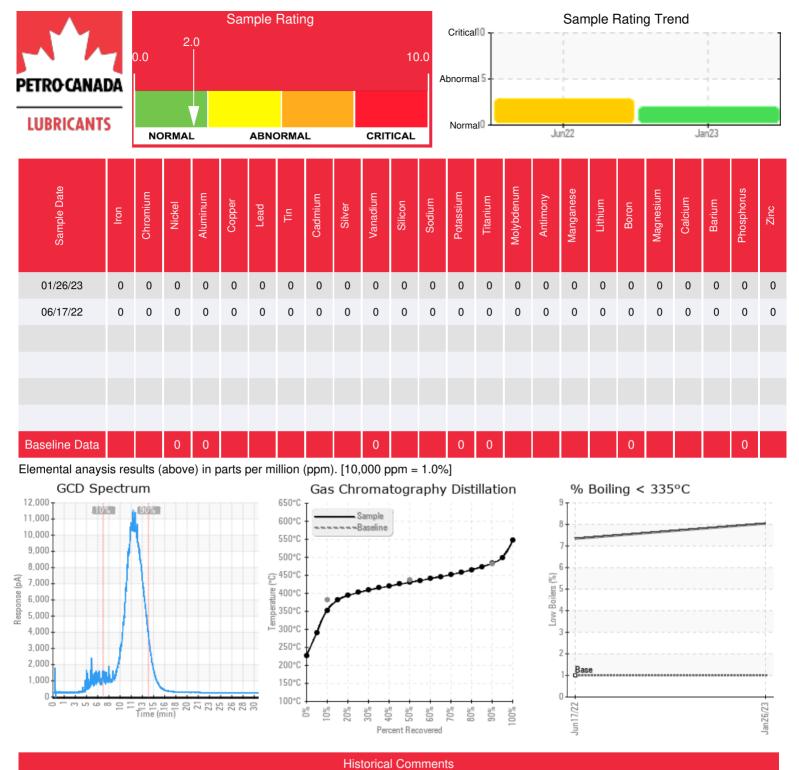
Lyle Dach

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Recommendation: Unit previously had Teresstic 32 which was drained but system was not flushed. Natural gas blanket is present and is set at 19 psi. Blanket pressure should be reviewed and lowered if possible, gas entrainment in the oil is possible above 15 psi and could cause the 8.04 % <335°C GCD. Flash point and GCD %<335C reflect low boilers volume being up, viscosity is low for Petro Therm which could be partially the low boiler volumes and some residual Teresstic. Vent low boilers and resample in 6 months.

Comments: (GCD) % < 335°C is marginally high.





#### Thistorical Comments

Unit previously had Teresstic 32 which was drained but system was not flushed. Natural gas blanket is present and is set at 19 psi. Flash point and GCD %<335C reflect low boilers volume being up, viscosity is low for Petro Therm which could be partially the low boiler volumes and some residual Teresstic. Vent low boilers and resample in 6 months. (GCD) % < 335°C is marginally high. COC Flash Point is marginally low.

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