

[LSD 11-21-66-3W6] PHASE #3 HEAT MEDIUM

Customer: PTRHTF20236

Semcams Mldstream

Grande Prairie, AB Canada

Attn: Don Dempensy Tel: (587)343-7564

E-Mail:

donald.dempsey@energytransfer.com

System Information

CRITICAL

10.0

System Volume: 55000 ltr

Bulk Operating Temp: 392F / 200C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: HEATEC

Sample Information

Lab No: 02392816 Analyst: Clinton Buhler Sample Date: 11/23/20 Received Date: 12/14/20 Completed: 12/17/20

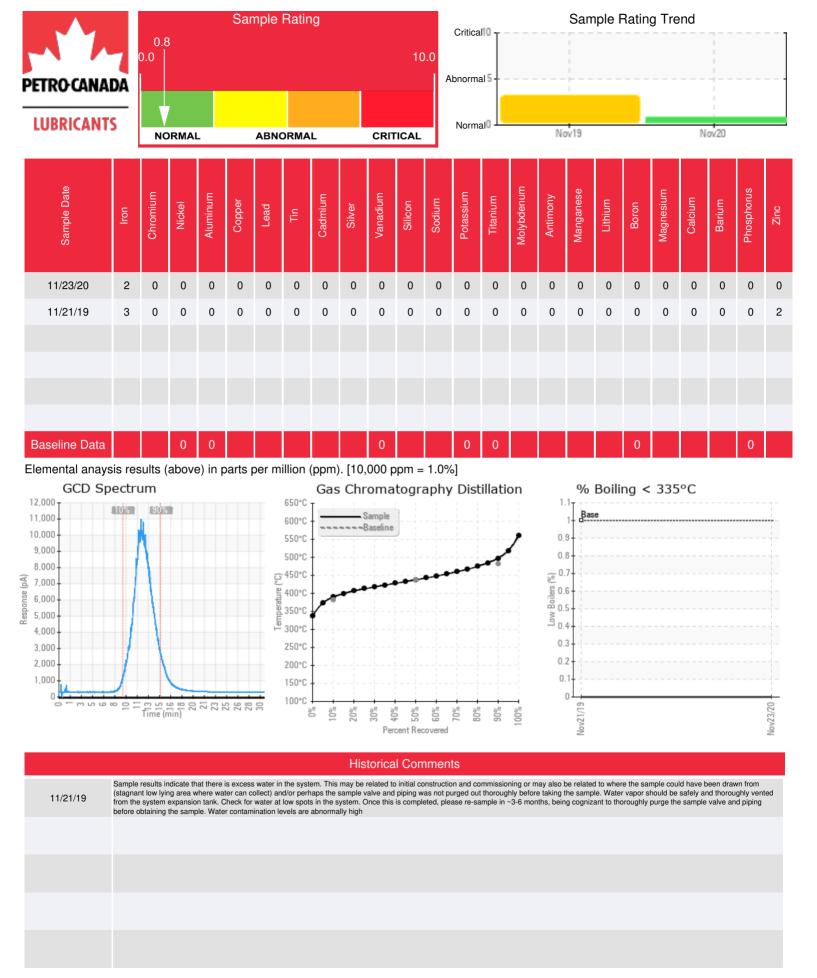
Clinton Buhler

Clinton.Buhler@hollyfrontier.com

Recommendation: Sample results indicate that the thermal fluid is suitable for continued service. Slightly elevated 90% GCD temperature and slightly increased viscosity may be an initial indication of oxidation. Please ensure that blanket gas is operational and applied to the expansion tank headspace. Please re-sample in 12 months

Comments: (GCD) 90% Distillation Point is marginally high.





Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.