



HOT OIL (USINE HULL)

Customer: PTRHTF20103

CNRL

P.O. BOX 6808

EDSON, AB T7E 1L5 Canada

Attn: Rodney Marcichiw Tel: (780)517-3542

E-Mail: rodney.marcichiw@cnrl.com

System Information

System Volume: 1040 ltr

Bulk Operating Temp: 365F / 185C

Heating Source:

Blanket:

Fluid: SHELL HEAT TRANSFER OIL S2 X

Make: BUCAN

Sample Information

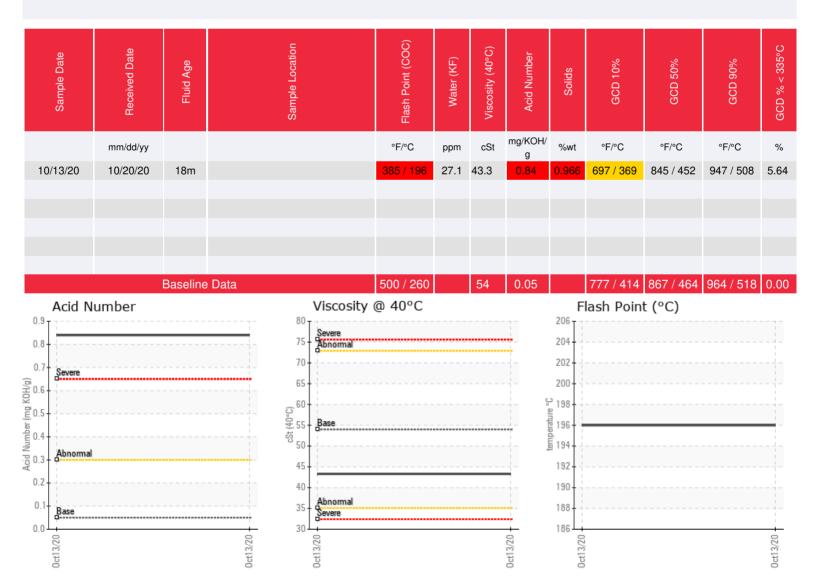
Lab No: 02382371 Analyst: Terry Veenstra Sample Date: 10/13/20 Received Date: 10/20/20 Completed: 10/23/20

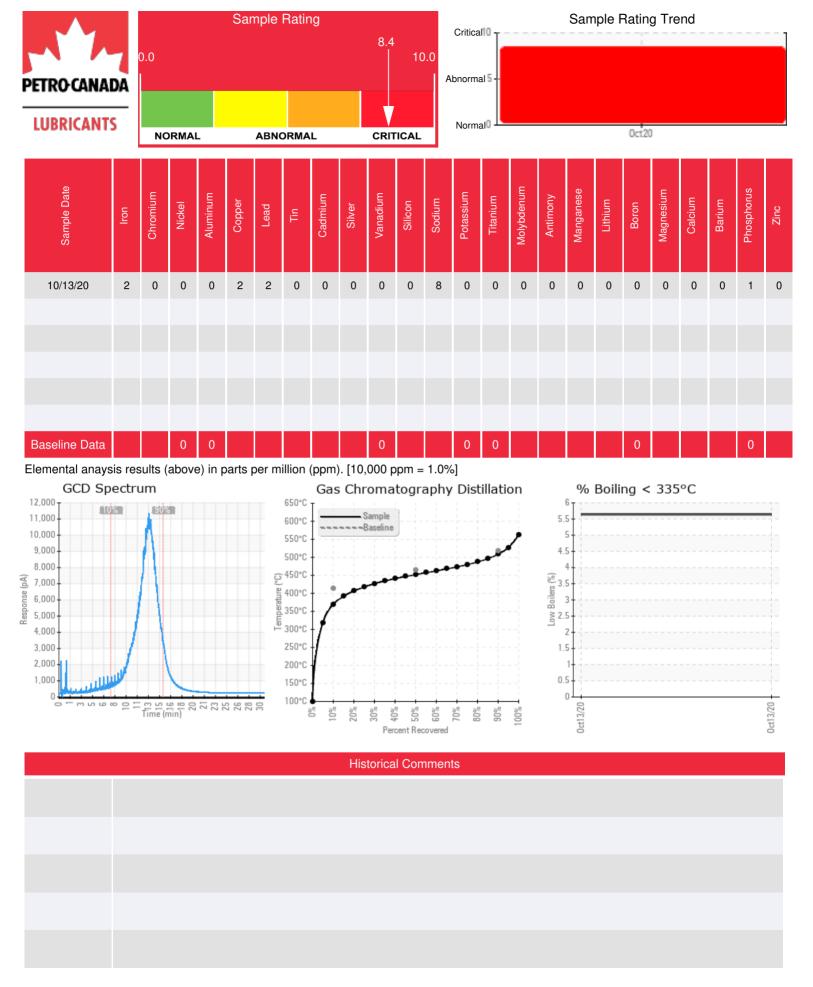
Terry Veenstra

terry.veenstra@petrocanadalsp.com

Recommendation: Acid Number and Pentane Insolubles are high indicating oxidation of fluid has taken place. Flash Pont is low. GCD @ 10% is low at 369°C indicating the presence of low boilers. Fluid should be vented at regular intervals as part of good fluid maintenance to eliminate low boilers. Resample in 6 months.

Comments: Pentane Insolubles levels are severely high. Acid Number (AN) is severely high. COC Flash Point is severely low. (GCD) 10% Distillation Point is abnormally low.





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.