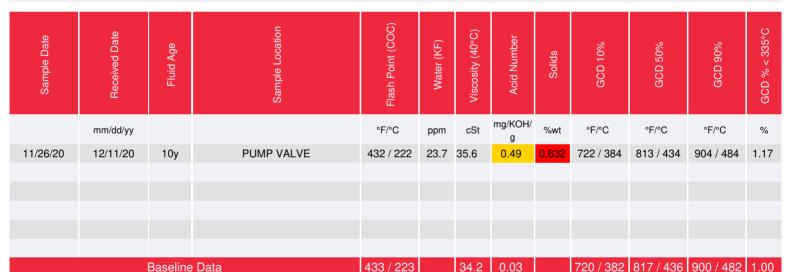


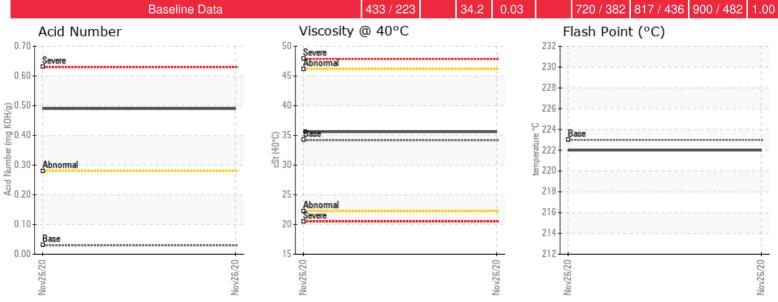
CANFOR CHETWYND HOT OIL

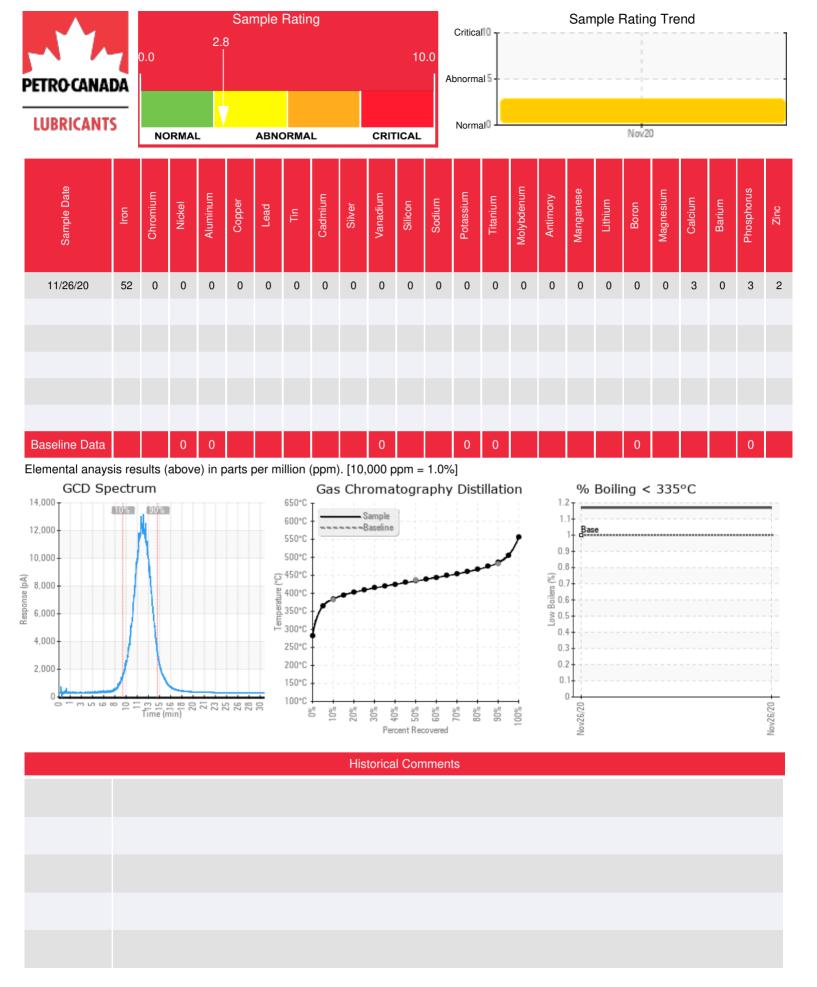
Customer: PTRHTF20248	System Information	Sample Information
CANFOR - CHETWYND SAWMILL	System Volume: 41000 ltr	Lab No: 02392466
4700 50 STREET	Bulk Operating Temp: 464F / 240C	Analyst: Clinton Buhler
CHETWYND, BC V0C 1J0 Canada	Heating Source:	Sample Date: 11/26/20
Attn: Service Manager	Blanket:	Received Date: 12/11/20
Tel: (250)401-3058	Fluid: PETRO CANADA PETRO-THERM	Completed: 01/08/21
E-Mail:	Make: DELTECH THERMAL FUEL	Clinton Buhler
		Clinton.Buhler@PetroCanadaLSP.com

Recommendation: Sample results indicate an elevated Acid Number and Solids content; both of which can be associated to oxidation degradation. Ensure that expansion tank blanket gas is operational to reduce subsequent oxidation. The solids content is likely related to fluid degradation byproducts and corrosive wear particles (iron). The remaining sample parameters indicate suitable results. Please re-sample in 3 months to help establish a trend after which time further recommendations can be made.Please ensure that sample valve and related piping or tubing is thoroughly purged PRIOR to obtaining the fluid sample in the sample container to ensure a representative sample.

Comments: Pentane Insolubles levels are severely high. Acid Number (AN) is abnormally 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.