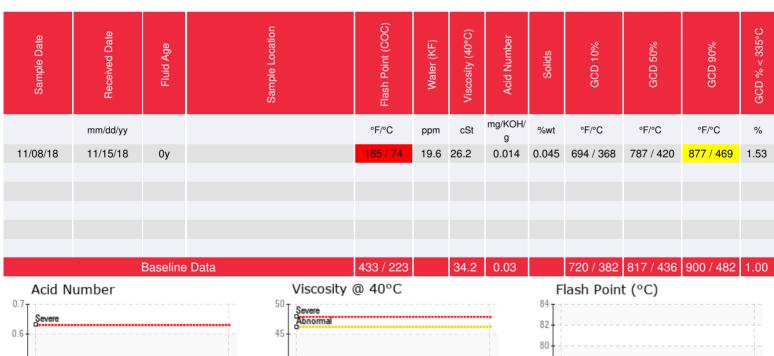


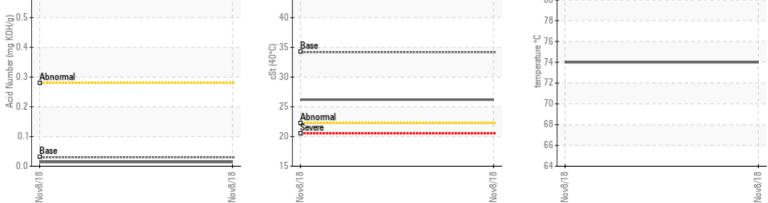
14-23-58-26W5

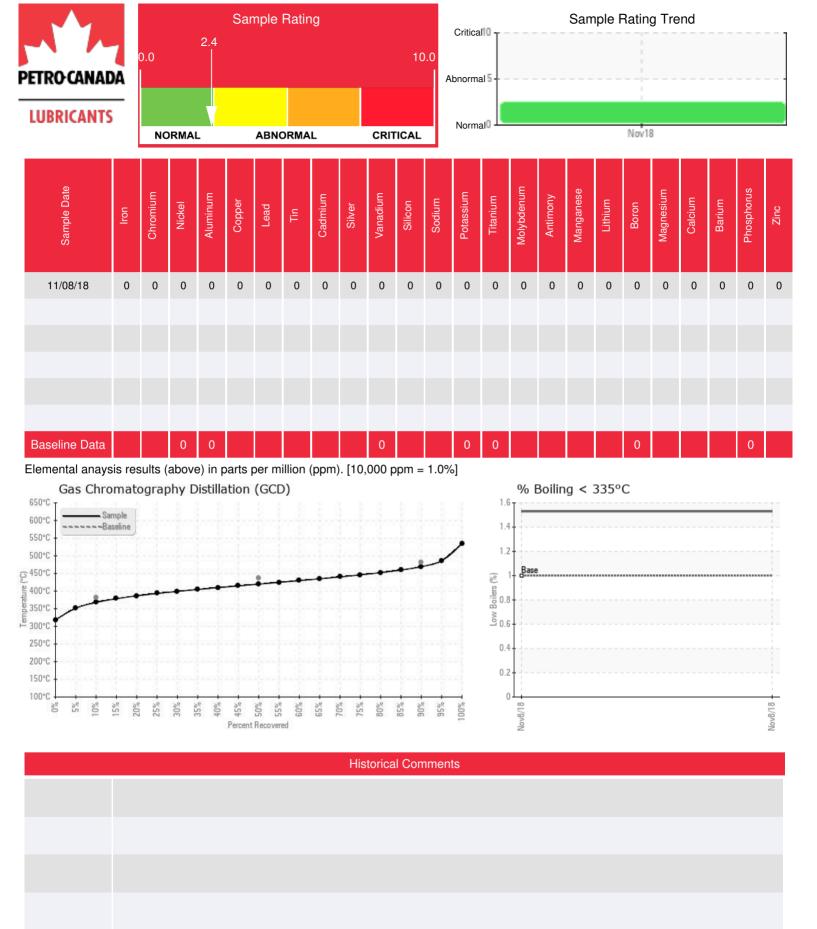
Customer: PTRHTF20103	System Information	Sample Information
CNRL	System Volume: 10000 ltr	Lab No: 02251744
WEST PLANT	Bulk Operating Temp: 365F / 185C	Analyst: Peter Harteveld
P.O. BOX 6808	Heating Source:	Sample Date: 11/08/18
EDSON, AB T7E 1L5 Canada	Blanket:	Received Date: 11/15/18
Attn: Rodney Marcichiw	Fluid: PETRO CANADA PETRO-THERM	Completed: 11/19/18
Tel: (780)517-3542	Make:	
E-Mail: rodney.marcichiw@cnrl.com		

Recommendation: The Flash Point of the fluid is very low. This can be a safety hazard when the fluid comes into contact with air and a source of ignition. The viscosity and 90% GCD temperature are low. All of this combined points to ingress of a hydro-carbon process fluid. Please check for internal leaks and re-sample after the problem has been corrected.

Comments: COC Flash Point is severely low. (GCD) 90% Distillation Point is marginally low.







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