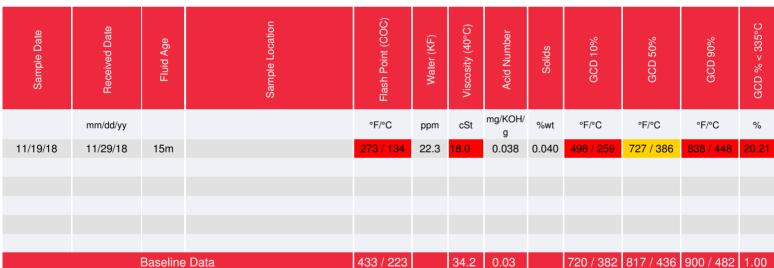


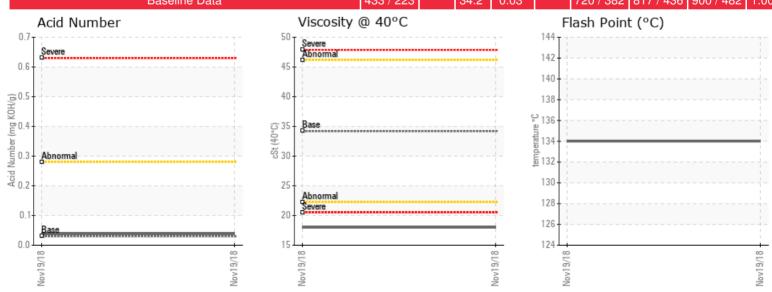
## Customer: PTRHTF20187 Sample Information System Information **KEYERA ENERGY- SIMONETTE GAS** System Volume: 18000 ltr Lab No: 02254405 PLANT Bulk Operating Temp: 392F / 200C Analyst: Peter Harteveld PO BOX 58 Heating Source: Sample Date: 11/19/18 Received Date: 11/29/18 VALLEYVIEW, AB T0H 3N0 Canada Blanket: Fluid: PETRO CANADA PETRO-THERM Attn: Jason Wright Completed: 12/04/18 Make: PETROTECH Tel: (780)898-8643

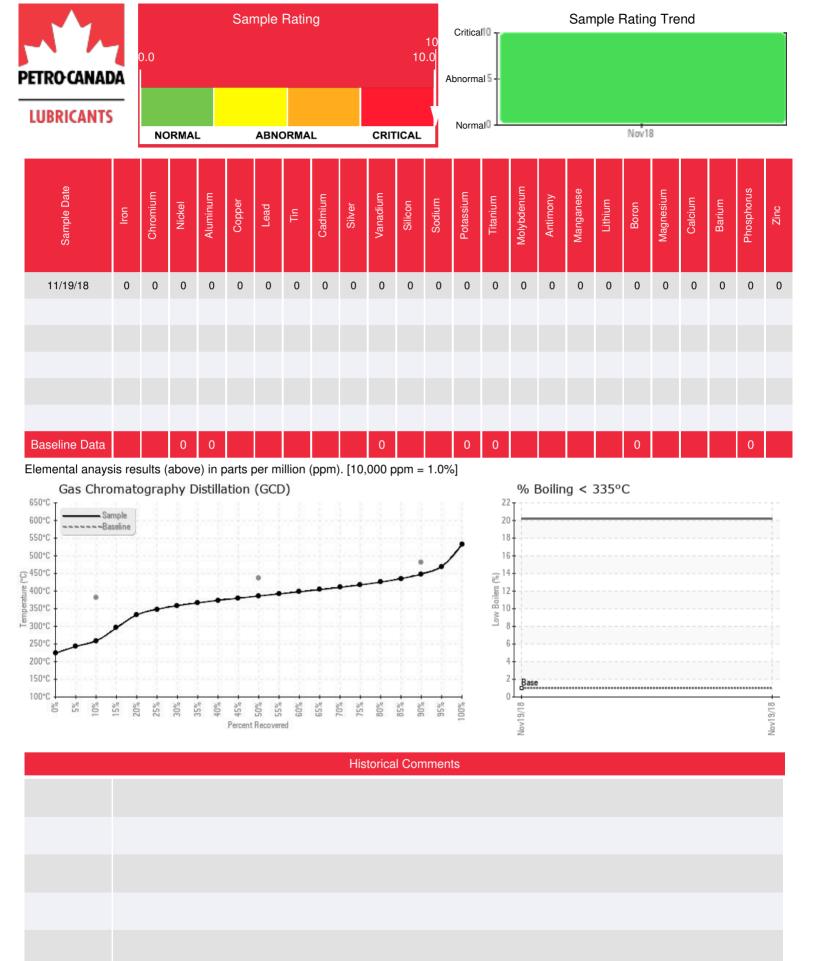
E-Mail: jason wright@keyera.com

Recommendation: As a result of assumed mixing with a lighter fluid the following parameters are low and not representative for Petro-Therm: Viscosity, Flash Point and distillation curve. A Flash Point of 134 degrees is a safety concern in cases of an external leak. The low boiler vapor content is high (20.21%) and has to be lowered via venting. The fluid is suitable for further use but please start venting on a regular basis. Re-sample in 6 months.

Comments: (GCD) % < 335°C is severely high. (GCD) 10% Distillation Point is severely low. (GCD) 90% Distillation Point is severely low. COC Flash Point is severely low. Visc @ 40°C is severely low. (GCD) 50% Distillation Point is abnormally low.







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