[KEYERA PARTNERSHIP / 3-12-46-14W5M] TOTE D

Customer: PTRHTF30084

Keyera Partnership Brazeau River Ga...

Box 7318

Drayton Valley, AB T7A 1S5 Canada

Attn: Don Renner Tel: (780)894-3601

E-Mail: don_renner@keyera.com

System Information

System Volume: 0 ltr

Bulk Operating Temp: Not Specified

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make:

Sample Information

Lab No: 02245903

Analyst: Kevin McDermott Sample Date: 10/11/18 Received Date: 10/18/18 Completed: 10/22/18

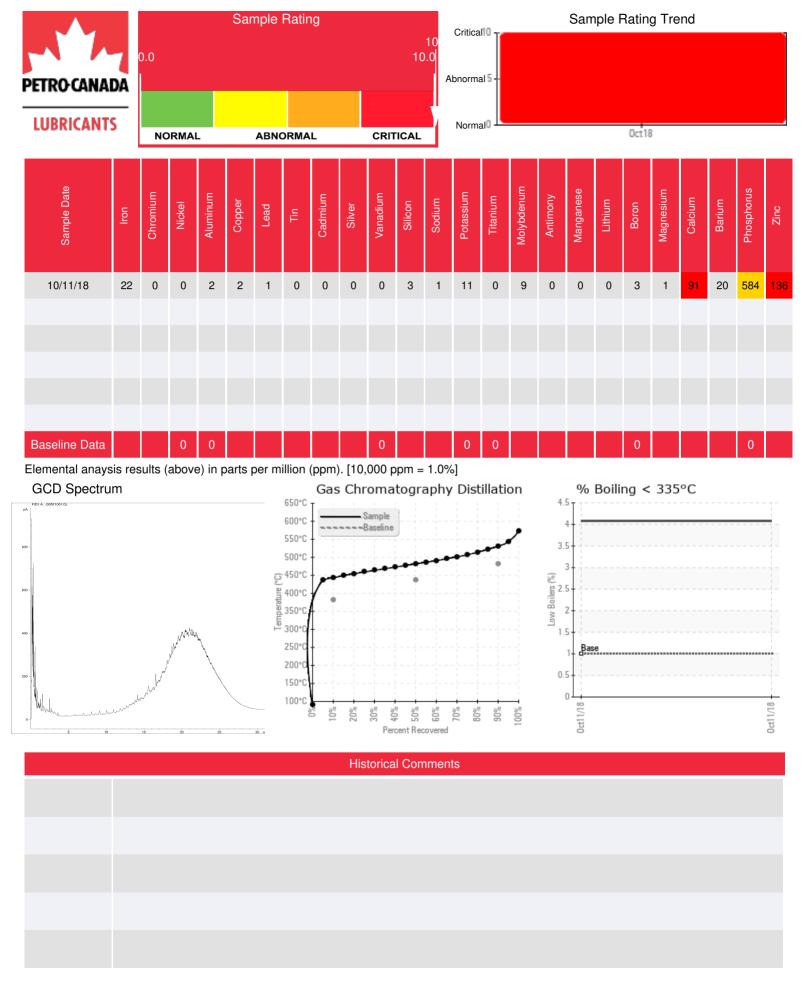
Kevin McDermott

kevin.mcdermott@hollyfrontier.com

Recommendation: Fluid is not suitable for use and should be disposed of - suspected contamination.

Comments: Acid Number (AN) is severely high. (GCD) 10% Distillation Point is severely high. (GCD) 50% Distillation Point is severely high. (GCD) 90% Distillation Point is severely high. Zinc ppm levels are severely high. Calcium ppm levels are severely high. Visc @ 40°C is severely high. Phosphorus and sulfur ppm levels are abnormal.





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