

[SUNCOR MACKAY RIVER] WELL 750

Customer: PTRHTF20196

SUNCOR ENERGY MACKAY RIVER PROJECT DOCK M

FORT MCMURRAY, AB T9H 4W1

Canada

Attn: Patrick Spargo Tel: (780)792-2977 System Information
System Volume: 13000 ltr

Bulk Operating Temp: 518F / 270C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO HTF

Make: HOCS

Sample Information

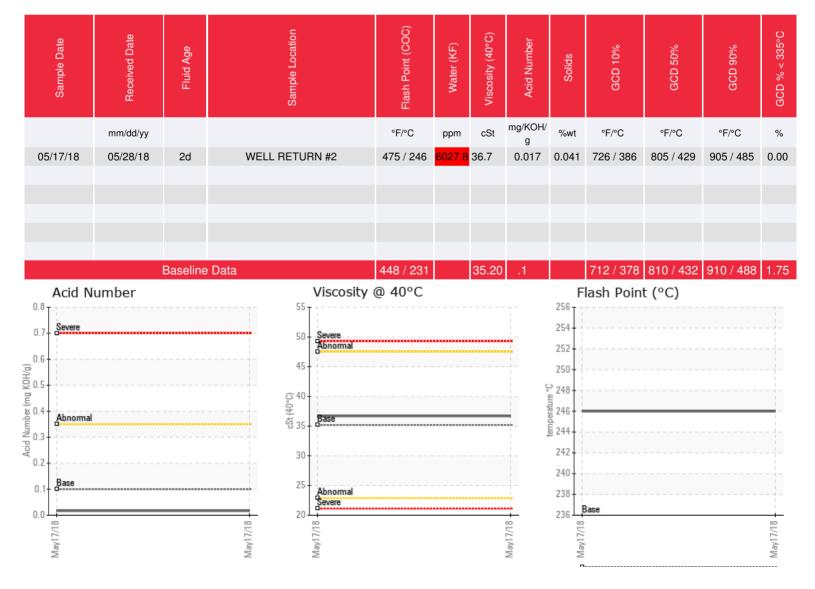
Lab No: 02218643 Analyst: Benjamin Latorre Sample Date: 05/17/18 Received Date: 05/28/18 Completed: 09/04/18

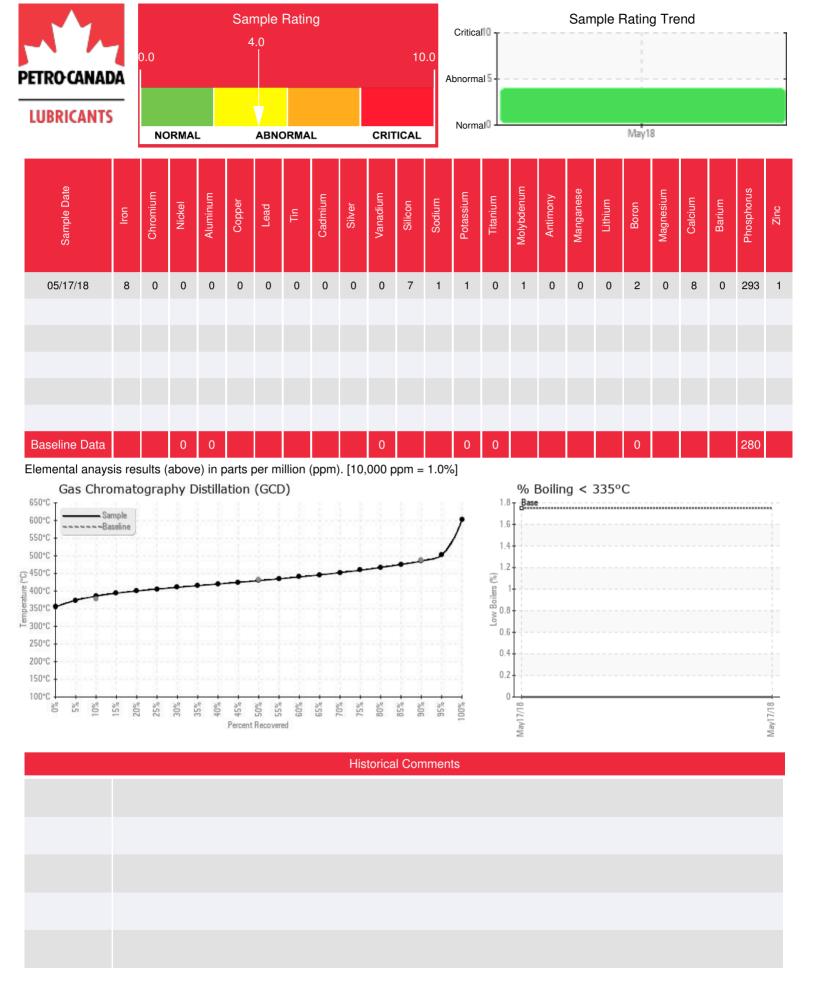
To discuss this report contact Benjamin

Latorre at (587)275-0499

Recommendation: 1. Locate and correct source of recurring water contamination. 2. Check low lying areas of the system, such as the expansion tank, where water can be trapped.3. Remove water vapor by venting and addition of nitrogen to the expansion tank head space. Resample initially at 700 hours after correcting source/removal of water contamination. If it has stopped, resample oil annually.

Comments: Wear metals are low/normal. Water contamination levels are severely high. Acid Number and Pentane Insolubles are low/normal.





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