

[ATHABASCA OIL CORP / 14-22-078-10W4M] L2 (PAD B) LIESMER

Customer: PTRHTF20133

ATHABASCA OIL CORP.

LEISMER DEMONSTRATION PLANT

LSD2-79-10-W4M

NEAR CONKLIN, AB Canada

Attn: George Ball Tel: (587)233-1312 E-Mail: gball@atha.com

System Information

System Volume: 8000 ltr

Bulk Operating Temp: 212F / 100C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO LT Make: TORNADO TECHNOLOGIES

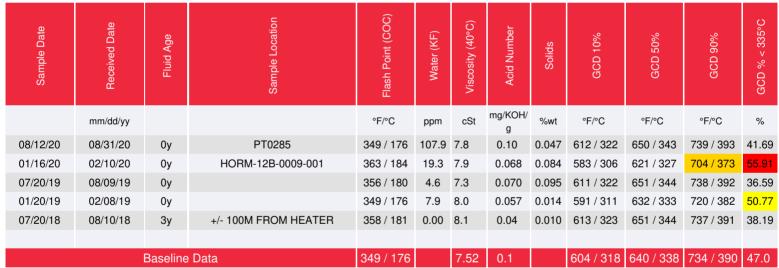
Sample Information

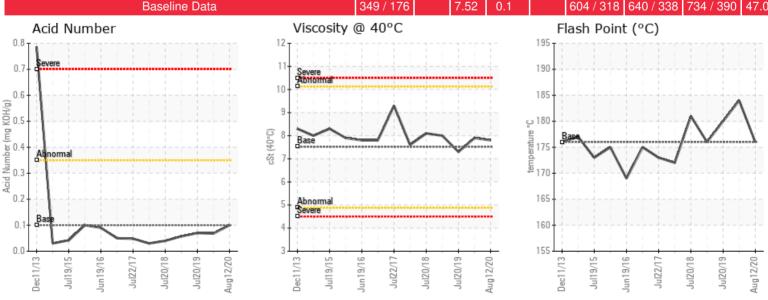
Lab No: 02373237 Analyst: Benjamin Latorre Sample Date: 08/12/20 Received Date: 08/31/20 Completed: 09/19/20 Benjamin Latorre

benjamin.latorre@petrocanadalsp.com

Recommendation: Results Normal. No action needed at this time. Resample at next scheduled date.

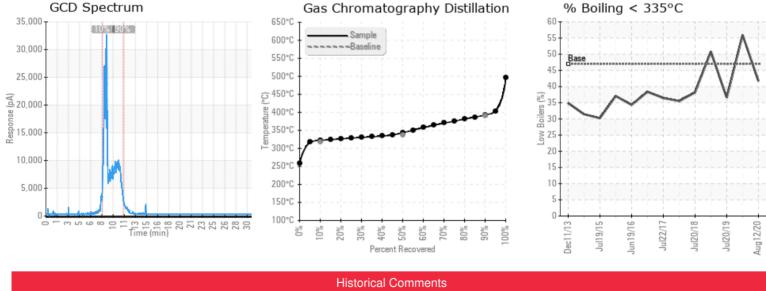
Comments:







Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments	
01/16/20	Consider venting of system tank to reduce water and low boilers. Resample after venting. Wear metals low. Contaminants & Free Water levels are low. Emulsified water at 2000 ppm. (GCD) 90% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high.
07/20/19	Test results are normal. No immediate action required. Resample at the next interval.
01/20/19	Results normal. Resample at next interval. Wear levels low/normal. Contamination low/normal. (GCD) %<335 C is marginally high.
07/20/18	The fluid is in good condition and suitable for further use. The low boiler vapor content shows a minor increase from 35.48% to 38.19%. Therefore venting of these vapors to atmosphere on a regular basis is recommended. Please re-sample in 6 months.

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