

# [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 CA

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: 02506465 Analyst: Terry Veenstra Sample Date: 07/20/22 Received Date: 08/22/22 Completed: 08/24/22

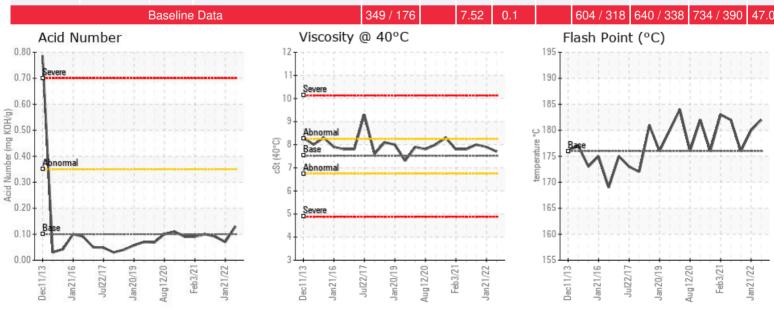
Terry Veenstra

terry.veenstra@HFSinclair.com

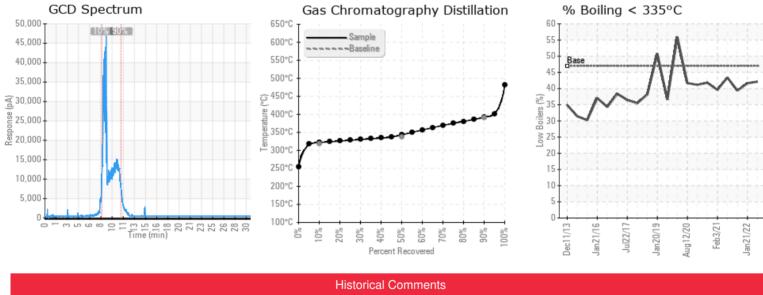
Recommendation: Results Normal. No action needed at this time. Resample at next scheduled date.

## Comments:

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	%06 GCD	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%
07/20/22	08/22/22	0.0y	14-22-078-10W4M L2 B	360 / 182	0.00	7.7	0.13	0.032	611 / 322	649 / 343	737 / 392	42.13
01/21/22	02/04/22	0.0y	system header	356 / 180	4.3	7.9	0.07	0.022	611 / 322	649 / 343	738 / 392	41.63
07/29/21	08/10/21	0.0y	12B pit 0285	349 / 176	14.4	8	0.09	0.038	614 / 323	648 / 342	737 / 392	39.38
03/05/21	03/16/21	0.0y		360 / 182	0.00	7.8	0.10	0.045	609 / 321	647 / 342	739 / 393	43.41
02/03/21	02/24/21	0.0y	Bott. of tracer tree	361 / 183	111.0	7.8	0.09	0.046	612 / 322	651 / 344	740 / 393	39.59
Baseline Data				349 / 176		7.52	0.1		604 / 318	640 / 338	734 / 390	47.0







	Historical Comments
01/21/22	Fluid is in good condition and suitable for continued use. Resample in 6 months.
07/29/21	Fluid is in good condition and is suitable for continued use. Resample in 6 months.
03/05/21	This oil appears to be in very good condition. GCD's all look normal, Pentane Insolubles are low. Flash point is at new oil spec.
02/03/21	Fluid is in good condition and good for continued use. Resample in 6 months

Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.