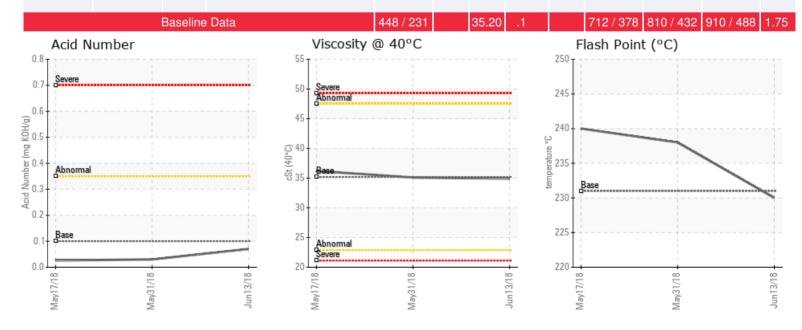


DOCK M FORT MCMURRAY, AB T9H 4W1 Canada Attn: Patrick Spargo Tel: (780)792-2977 System Volume: 13000 ltrLab No: 02224421Bulk Operating Temp: 518F / 270CAnalyst: Benjamin LatorreHeating Source:Sample Date: 06/13/18Blanket:Received Date: 06/26/18Fluid: PETRO CANADA CALFLO HTFCompleted: 09/04/18Make:To discuss this report contact Benjamin
Latorre at (587)275-0499

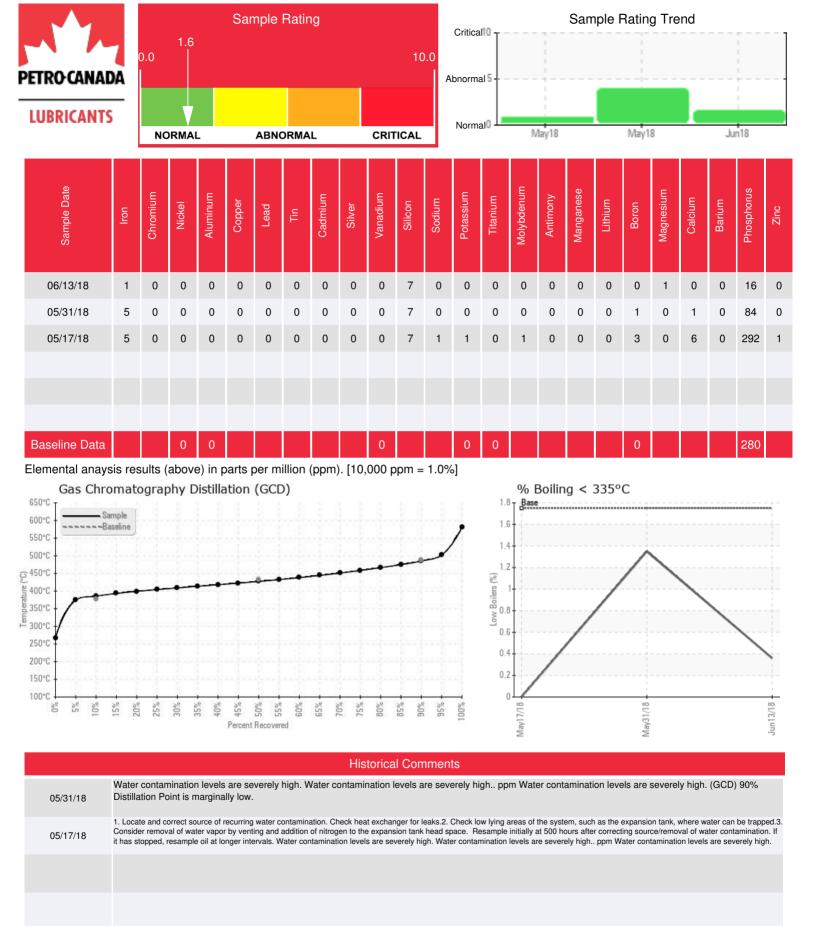
Recommendation: 1. Vent the expansion tank regularly to reduce water contaminants.2. Wear metals, Pentane Insolubles and Acid Number are low/normal.3. Resample periodically to check on trending of test values.

Comments: Water contamination levels are marginally high.

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%
06/13/18	06/26/18	0d		446 / 230	541.6	34.9	0.07	0.045	726 / 386	801 / 427	905 / 485	0.36
05/31/18	06/12/18	0d	HOT OIL TANK #1	460 / 238	1887.2	35.1	0.03	0.072	717 / 381	798 / 426	889 / 476	1.35
05/17/18	05/28/18	2d	HOT TANK OIL #1	464 / 240	4968.5	36.2	0.026	0.034	729 / 387	813 / 434	906 / 486	0.00



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