

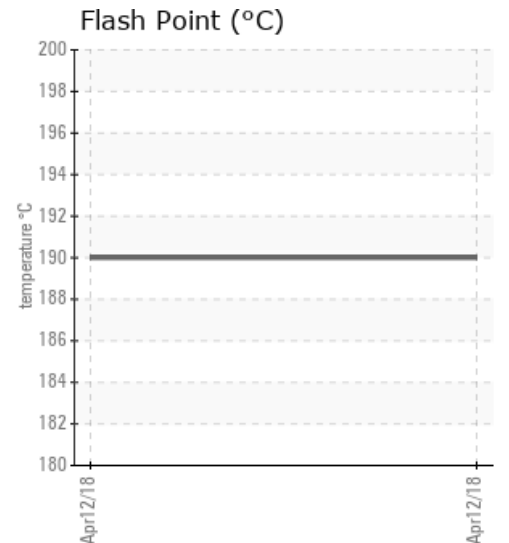
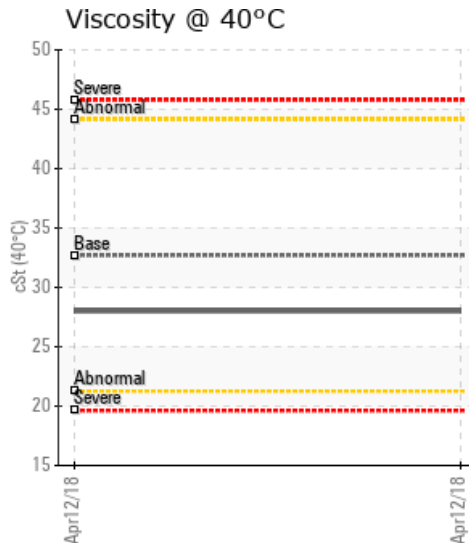
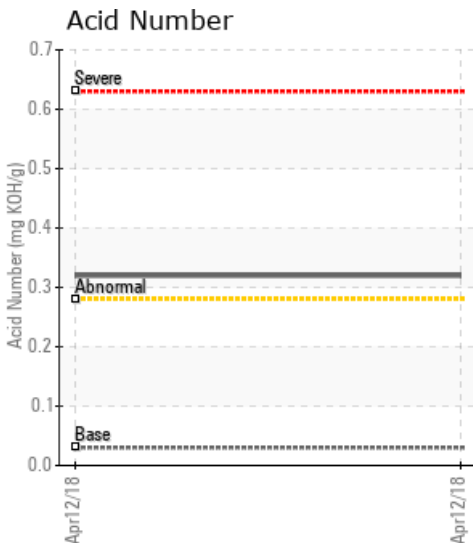
LWF #1 TOP

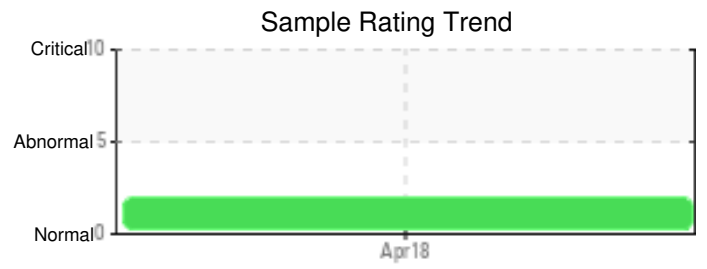
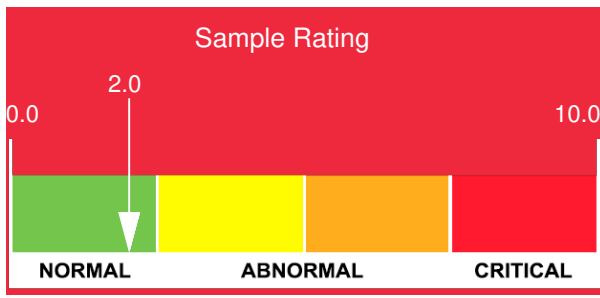
Customer: PTRHTF30095	System Information	Sample Information
HP Pelzer 115 Industrial Way Athens, TN 37303 USA Attn: Conway Tabor Tel: (423)333-9402 E-Mail: ctabor@hpelzer.com	System Volume: 0 gal Bulk Operating Temp: 425F / 218C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make:	Lab No: 02211305 Analyst: Manny Garcia Sample Date: 04/12/18 Received Date: 04/20/18 Completed: 04/26/18 To discuss this report contact Manny Garcia at 954-384-7259

Recommendation: Fluid is suitable for continued use. Close monitoring of the acid levels and the flash point are recommended. Please include the age of the fluid and the age of the unit on next year's used fluid sample. This allows for us to better interpret the results.

Comments: Acid Number (AN) is abnormally high (0.32). COC Flash Point is marginally low by 34oC.

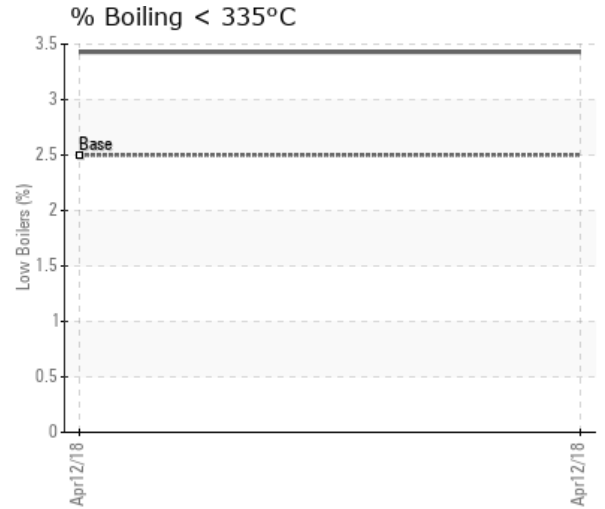
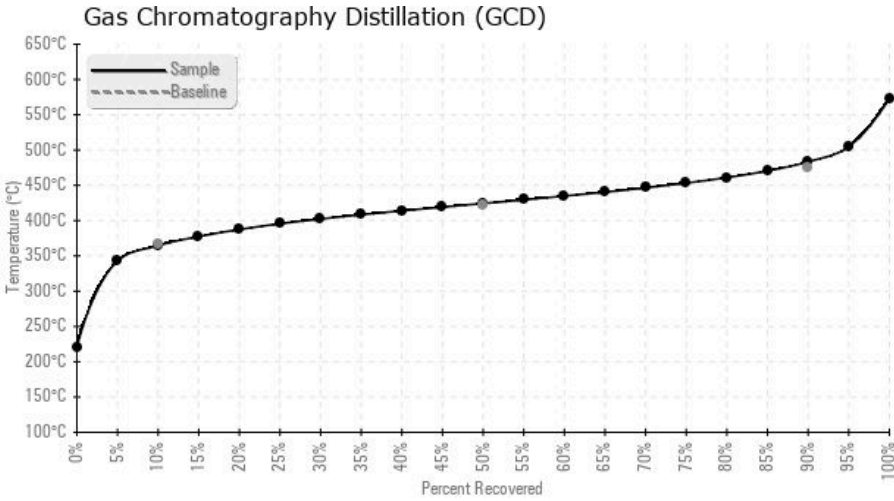
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
04/12/18	04/20/18	0m		374 / 190	26.7	28.0	0.32	0.119	688 / 365	796 / 424	902 / 483	3.43
Baseline Data				435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5





Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc	
04/12/18	3	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	79	2
Baseline Data			0	0						0			0	0					0					270	

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



Historical Comments

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