

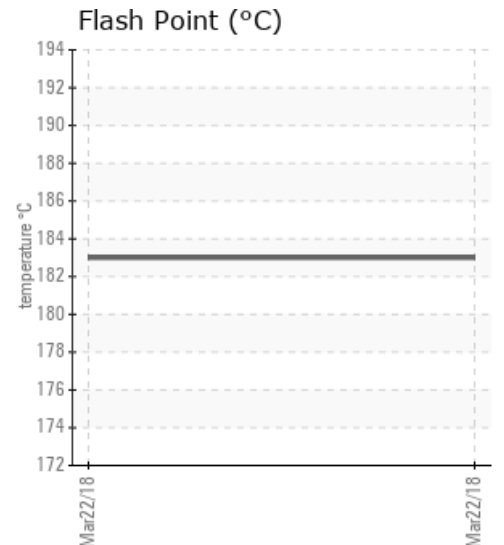
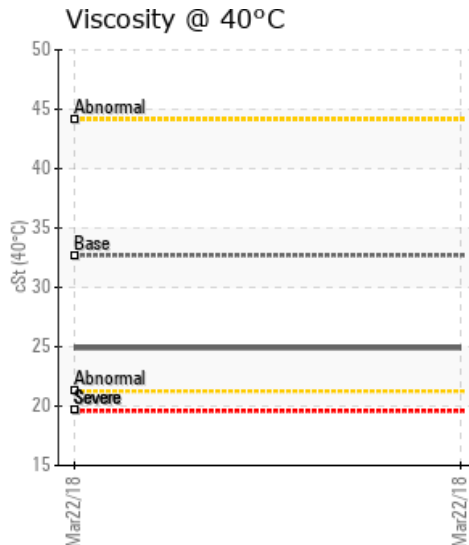
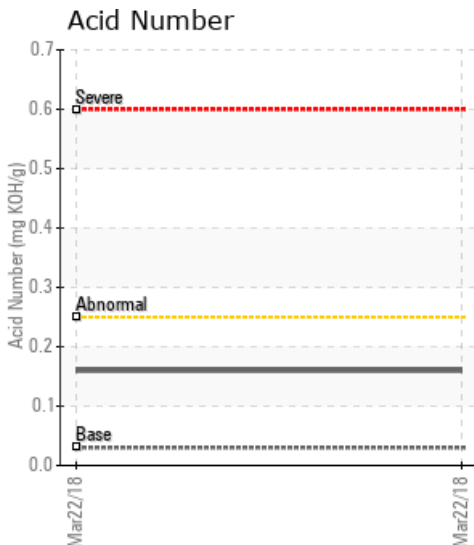
## HMP2

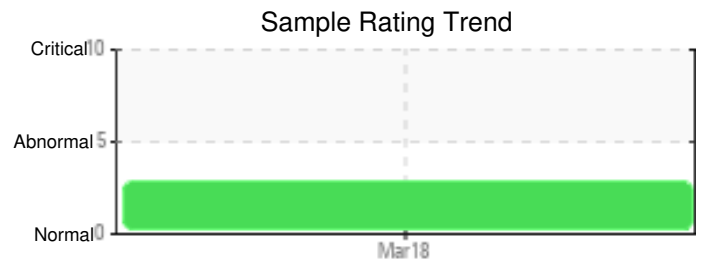
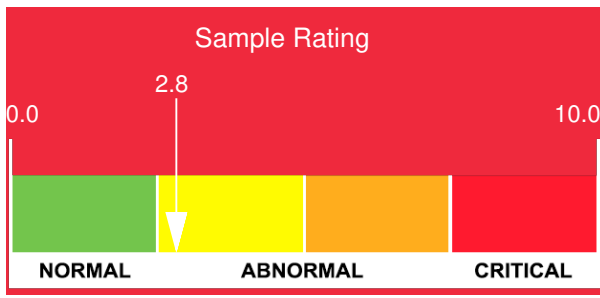
Customer: PTRHTF30095	System Information	Sample Information
HP Pelzer 115 Industrial Way Athens, TN 37303 Canada Attn: Conway Tabor Tel: (423)333-9402 E-Mail: ctabor@hpelzer.com	System Volume: 0 gal Bulk Operating Temp: 425F / 218C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make:	Lab No: 02207999 Analyst: Manny Garcia Sample Date: 03/22/18 Received Date: 04/03/18 Completed: 04/10/18 To discuss this report contact Manny Garcia at 954-384-7259

Recommendation: 'Venting' the system may bring the 90% distillation point back down and increase the COC Flash point. If any maintenance is done on the system to mitigate these results, please re-submit samples. Please include the time on the unit and the time on the fluid on future sample labels and include the gallons in the reservoir.

Comments: (GCD) 90% Distillation Point is severely high. COC Flash Point is marginally low by 41oC.

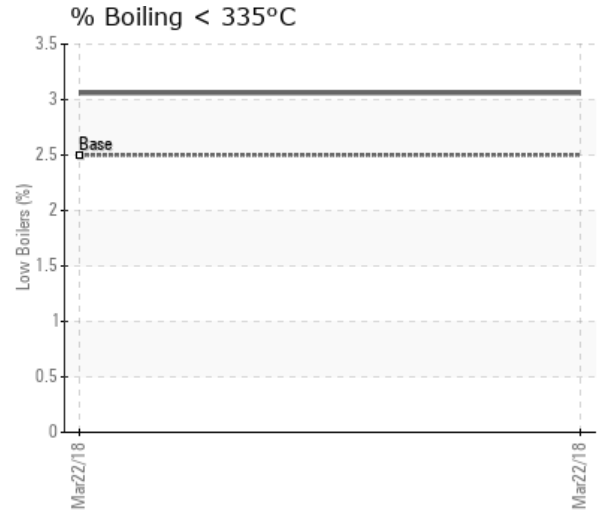
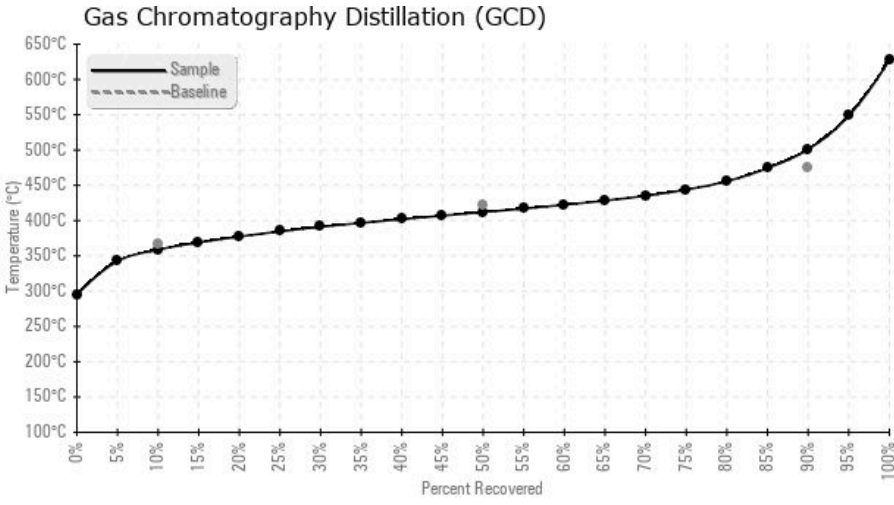
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
03/22/18	04/03/18	0m		361 / 183	8.6	24.9	0.16	0.113	678 / 359	774 / 412	934 / 501	3.06
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
03/22/18	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	85	0
<b>Baseline Data</b>				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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