

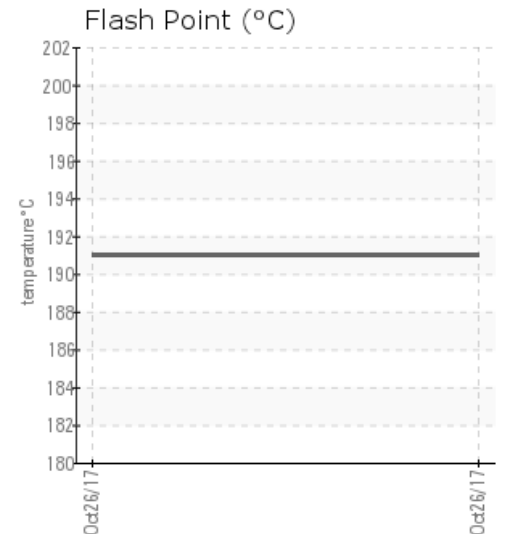
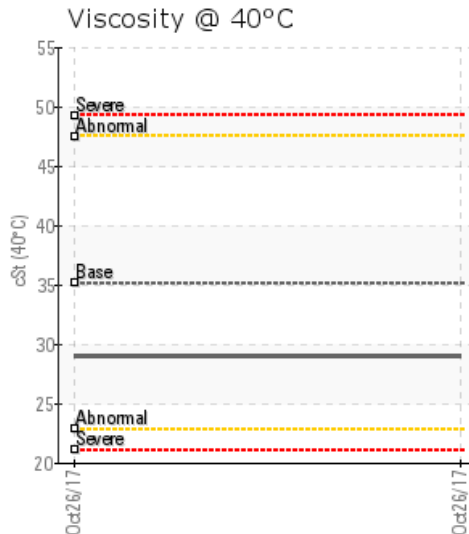
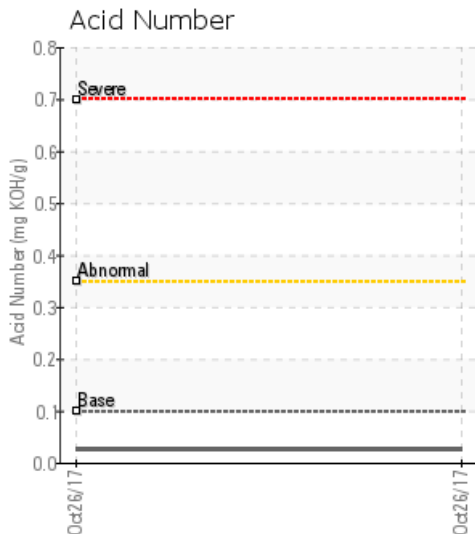
HEAT TRANSFER FLUID CALIFORNIA BLOWER

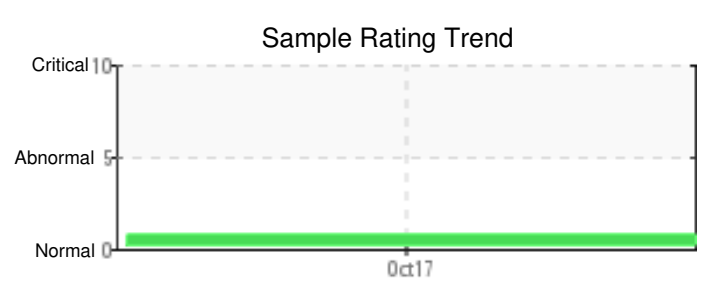
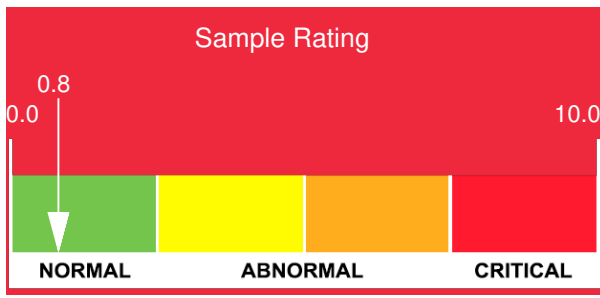
Customer: PTRHTF10116	System Information	Sample Information
CERTAINTEED - SAINT GOBAIN 1431 W E STREET WILMINGTON, CA 90744 USA Attn: Mario Sanchez Tel: (310)952-8821 E-Mail: mario.a.sanchez@saint-gobain.com	System Volume: 1500 gal Bulk Operating Temp: 550F / 288C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO HTF Make: CALIFORNIA BOILER	Lab No: 02185909 Analyst: Steven Slanker Sample Date: 10/26/17 Received Date: 12/05/17 Completed: 01/05/18 To discuss this report contact Steven Slanker at (951)225-2115

Recommendation: The flash point is marginally low. Recommend venting off the low boilers and resample.

Comments: COC Flash Point is marginally low.

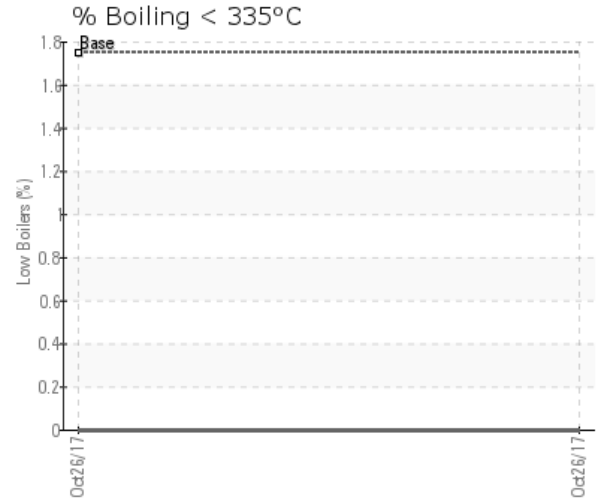
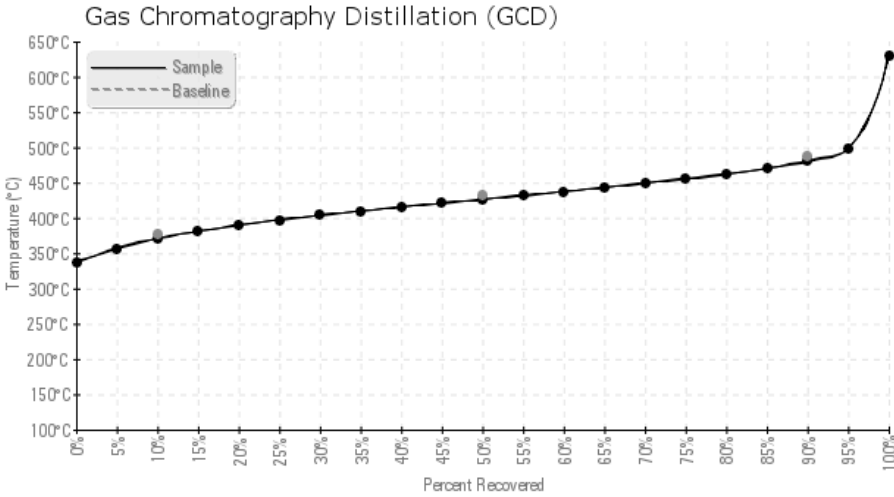
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
10/26/17	12/05/17	2w		376 / 191	12.3	29.0	0.025	0.161	699 / 370	799 / 426	897 / 481	0.00
Baseline Data				448 / 231		35.20	.1		712 / 378	810 / 432	910 / 488	1.75





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
10/26/17	2	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	104	0
Baseline Data			0	0						0			0	0					0				280	

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



Historical Comments

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