

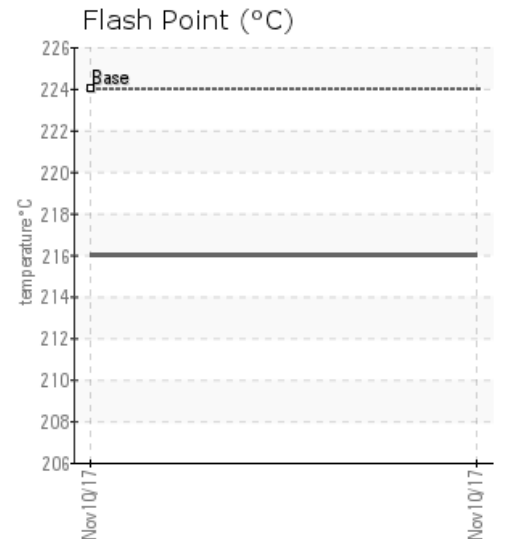
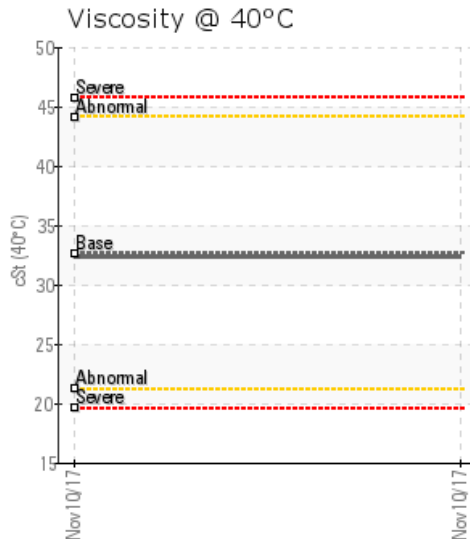
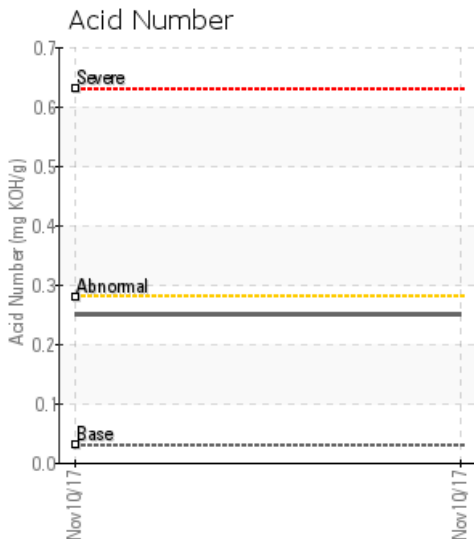
CALFLO AF HEAT TRANSFER FLUID 1

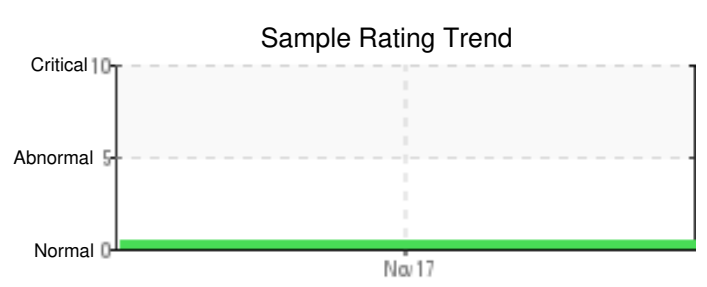
Customer: PTRHTF40077	System Information	Sample Information
BRENNTAG NV NIJVERHFIDSLAAN 38 DEERLIJK, 8540 Belgium Attn: Bart Vandenberghe Tel: 3(247)586-5546 E-Mail: bart.vandenberghe@brenntag.be	System Volume: 4000 ltr Bulk Operating Temp: 374F / 190C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make:	Lab No: 02185902 Analyst: Philip Riley Sample Date: 11/10/17 Received Date: 12/05/17 Completed: 12/11/17 To discuss this report contact Philip Riley at (440)124-4378171

Recommendation: All parameters within acceptable limits and fit for further use

Comments:

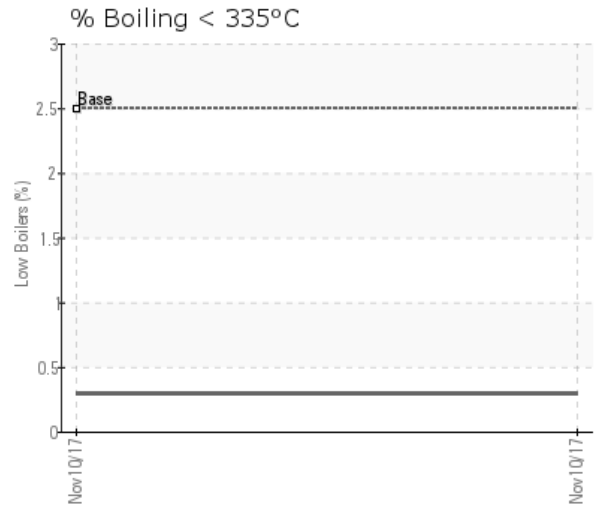
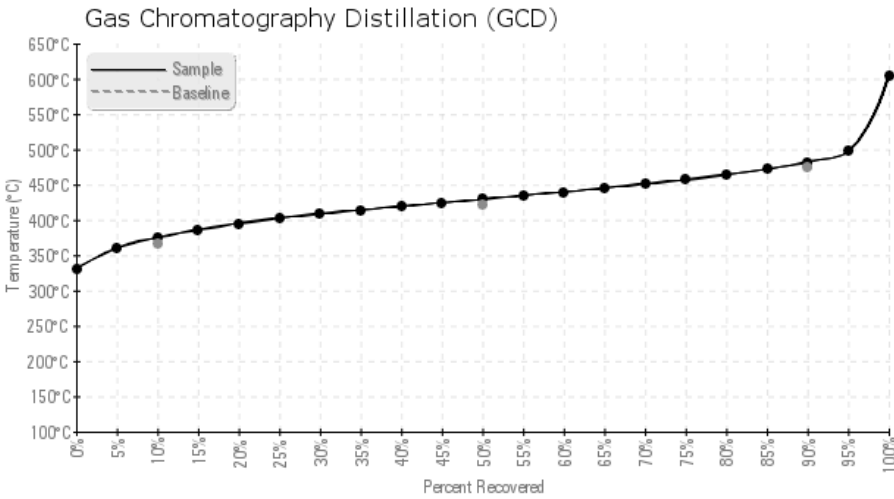
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/10/17	12/05/17	26m		421 / 216	28.6	32.4	0.250	0.058	707 / 375	805 / 429	900 / 482	0.29
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	
11/10/17	25	0	0	0	0	0	0	0	0	0	4	2	0	0	0	1	0	0	0	0	0	0	93	4	
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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