

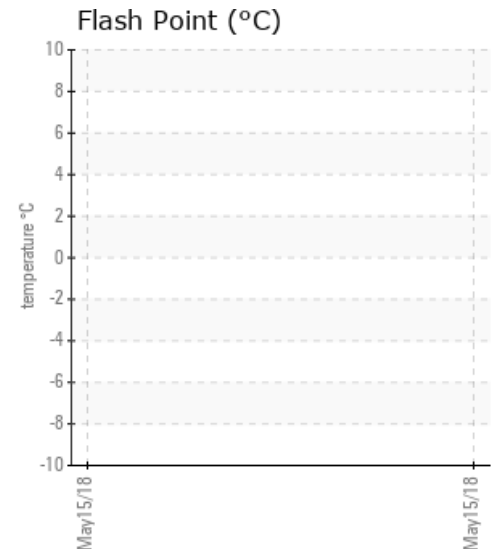
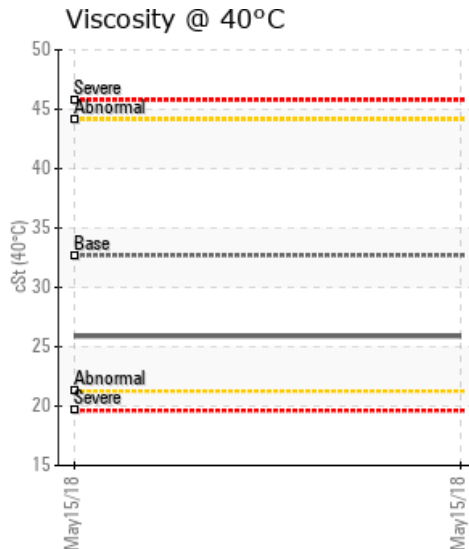
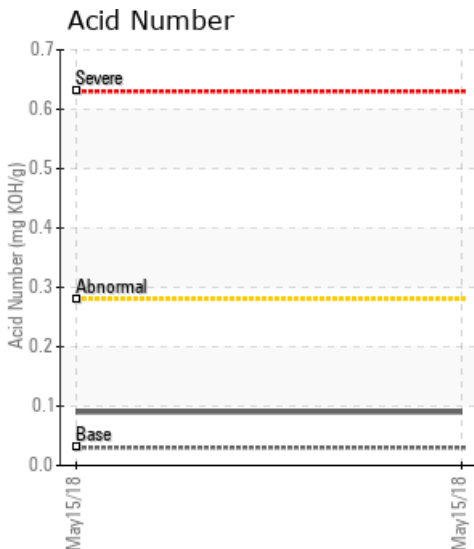
OLD SYSTEM

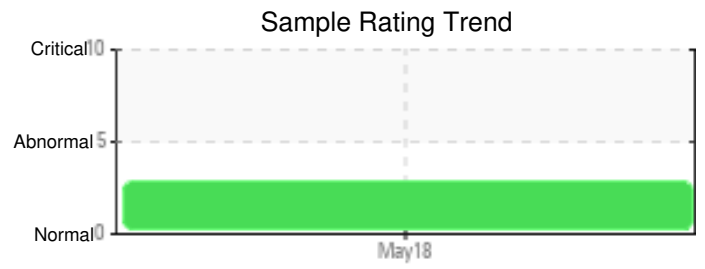
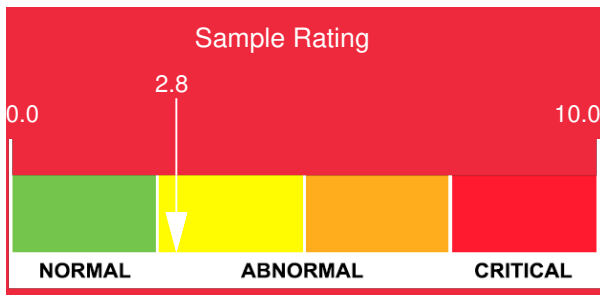
Customer: PTRHTF30115	System Information	Sample Information
BI-AX INTERNATIONAL INC 596 CEDAR ST WINGHAM, ON N0G 2W0 Canada Attn: Tel: (519)357-1818 E-Mail:	System Volume: 400 ltr Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make:	Lab No: 02216882 Analyst: Lynn Billings Sample Date: 05/15/18 Received Date: 05/17/18 Completed: 05/25/18 To discuss this report contact Lynn Billings at (289)523-0262

Recommendation: GCD results are abnormal but this is also an ISO 22 grade of fluid. Petro-Canada does not carry an ISO 22. Fluid does show some iron at 52 ppm and a lot of sulfur at 318 ppm. Insufficient amount of fluid to run all tests.

Comments: Insufficient sample was received to conduct all the routine laboratory tests. (GCD) 90% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high.

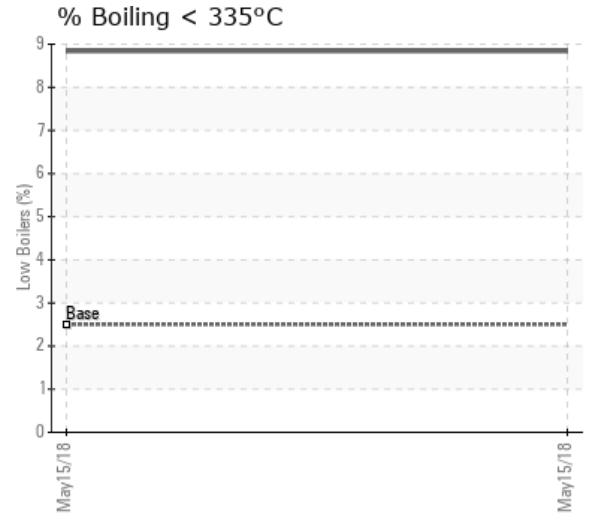
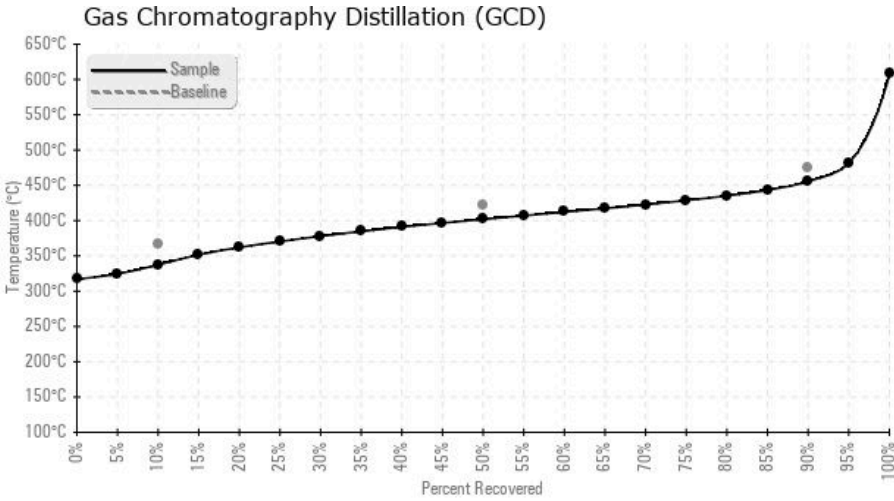
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
05/15/18	05/17/18	0h			0.00	25.9	0.09		639 / 337	755 / 402	852 / 456	8.84
Baseline Data				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	
05/15/18	52	0	0	0	2	1	0	0	0	0	4	0	2	0	0	0	0	0	0	0	0	0	0	234	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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