

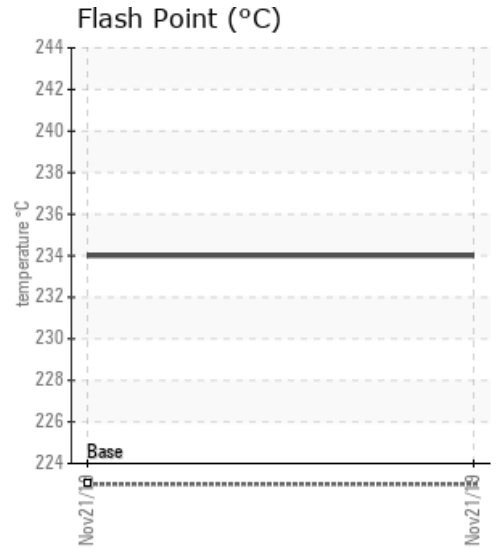
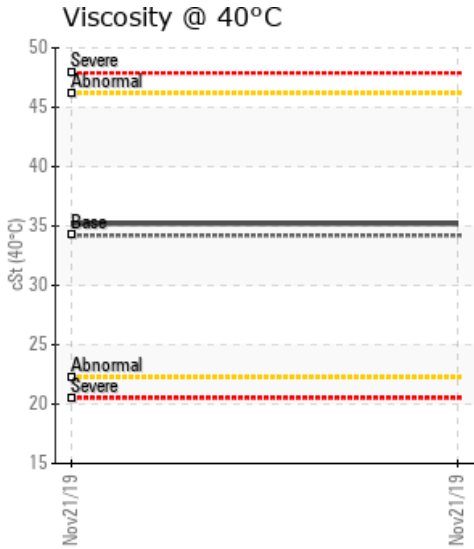
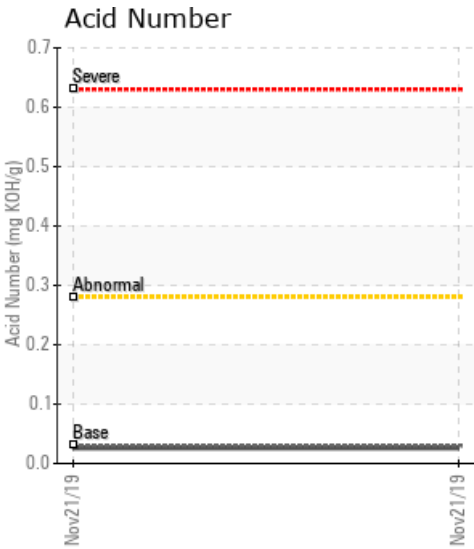
[HUSKY / LSD 6-20-49-18W5] H55002

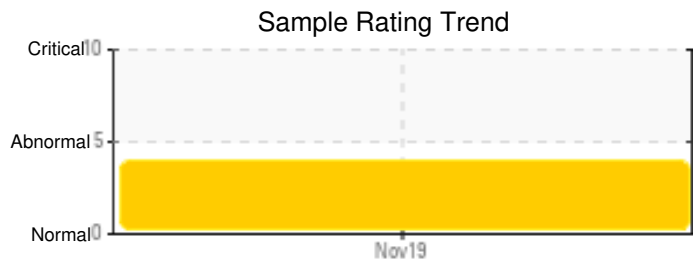
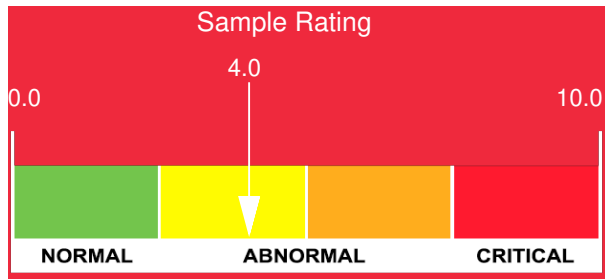
Customer: PTRHTF20039	System Information	Sample Information
BRENTAG CANADA INC 3124-54TH AVENUE SE CALGARY, AB T2A 0A8 CANADA Attn: Matthew Kryska Tel: E-Mail: mkryska@brenntag.ca	System Volume: 23000 ltr Bulk Operating Temp: 417F / 214C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: ALCO	Lab No: 02324313 Analyst: Terry Veenstra Sample Date: 11/21/19 Received Date: 12/03/19 Completed: 12/10/19

Recommendation: This sample indicates the presence of water in the sample. Viscosity, Flash Point and GCD are all in the normal range. Resample in 6 months.

Comments: Water contamination levels are marginally high. Water contamination levels are marginally high.. ppm Water contamination levels are marginally high.

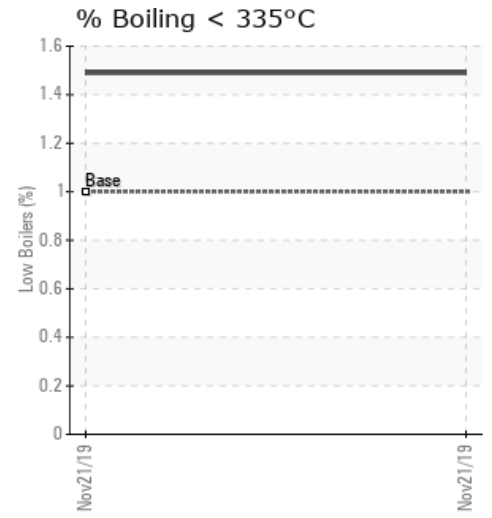
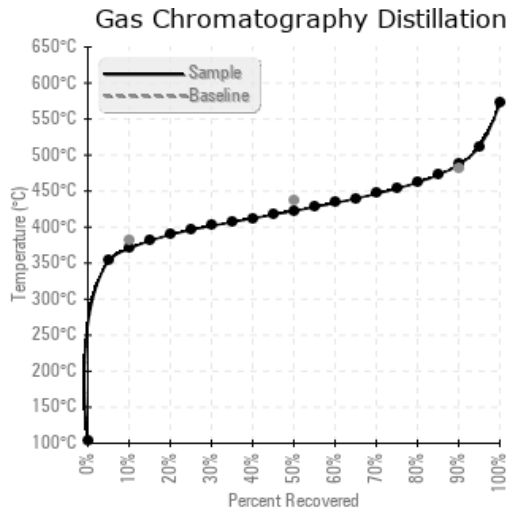
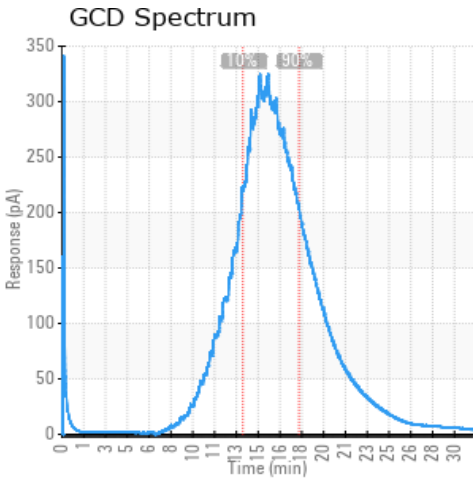
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/21/19	12/03/19	30d	OUTSIDE SIGHT GLASS	453 / 234	375.9	35.2	0.026	0.139	698 / 370	792 / 422	908 / 487	1.49
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00





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
11/21/19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Baseline Data			0	0						0			0	0					0				0	

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



Historical Comments

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