

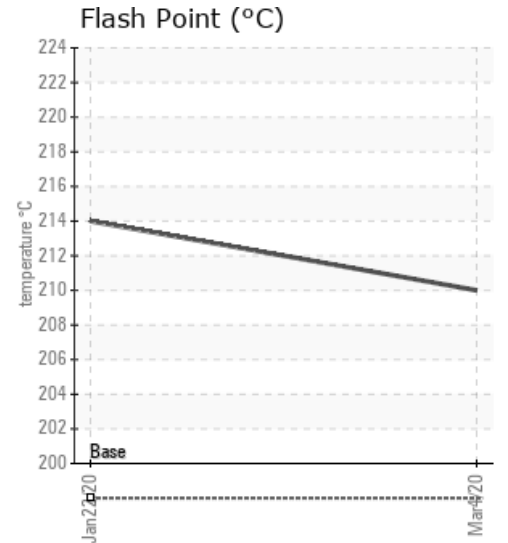
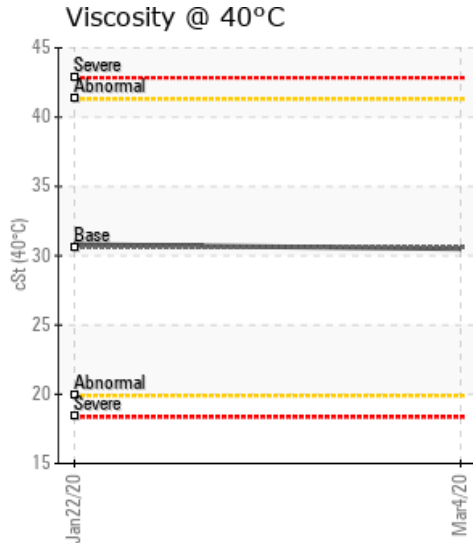
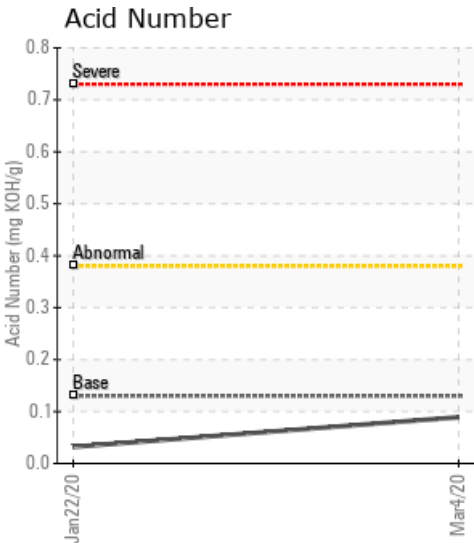
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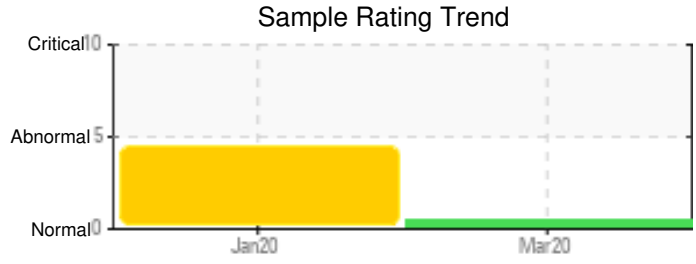
Customer: PTRHTF10228	System Information	Sample Information
BEAUFLO USA ONE BEAUFLO WAY WHITE, GA 30184 USA Attn: Marcus Abbot Tel: (678)535-5800 E-Mail: misty.jones@beauflo.us	System Volume: 15000 gal Bulk Operating Temp: 485F / 252C Heating Source: Blanket: Fluid: MOBIL MOBILTHERM 43 Make: WEISAUP	Lab No: 02342602 Analyst: Manny Garcia Sample Date: 03/04/20 Received Date: 03/10/20 Completed: 03/13/20 Manny Garcia manuel.garcia@petrocanadalsp.com

Recommendation: Fluid is suitable for use. Please re-send sample in March 2021

Comments: Much improvement in fluid quality since the January sample was analyzed. Water has cleared up.

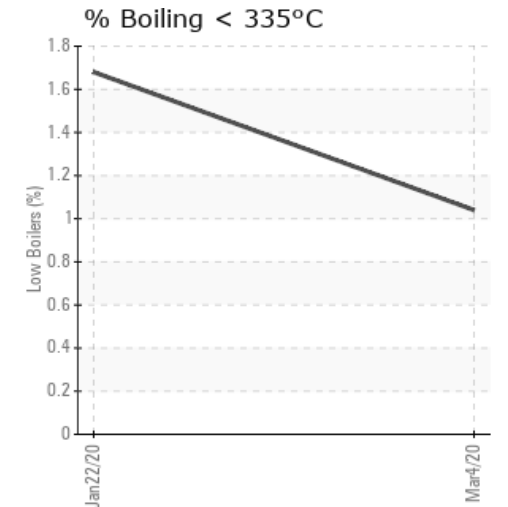
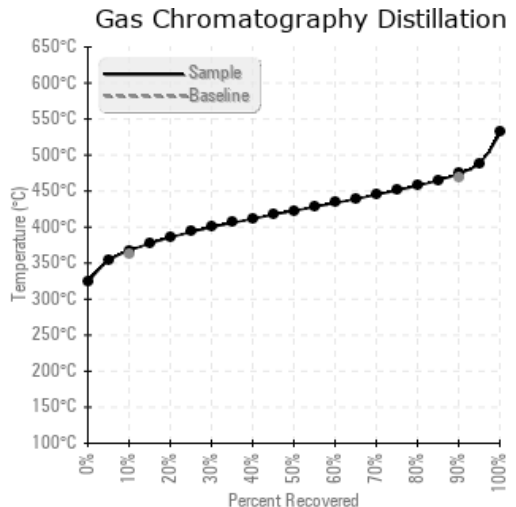
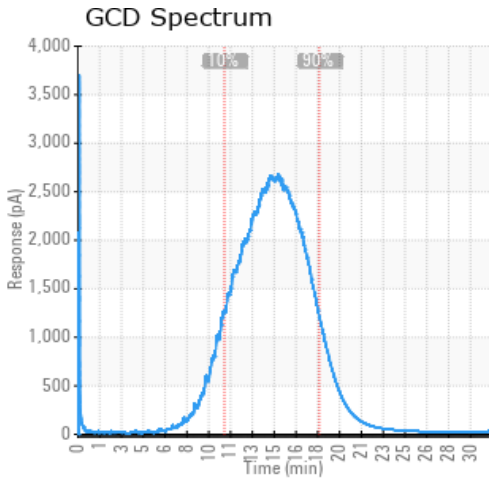
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
03/04/20	03/10/20	4y	PUMP NEAR BOILER	410 / 210	42.3	30.5	0.089	0.048	693 / 367	793 / 423	885 / 474	1.04
01/22/20	01/28/20	4y		417 / 214	948.2	30.8	0.032	0.059	690 / 365	786 / 419	874 / 468	1.68
Baseline Data				388 / 198		30.6	0.13		685 / 363		876 / 469	





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
03/04/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01/22/20	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
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

01/22/20	High water content present in sample. Also light precipitate in the sample was indicated by the lab. Oil is otherwise in good condition. Once the system is converted to Petro-Canada HTF, a sample may be sent for testing to establish a baseline. Water contamination levels are abnormally high. Water contamination levels are abnormally high. Water contamination levels are abnormally high.

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