

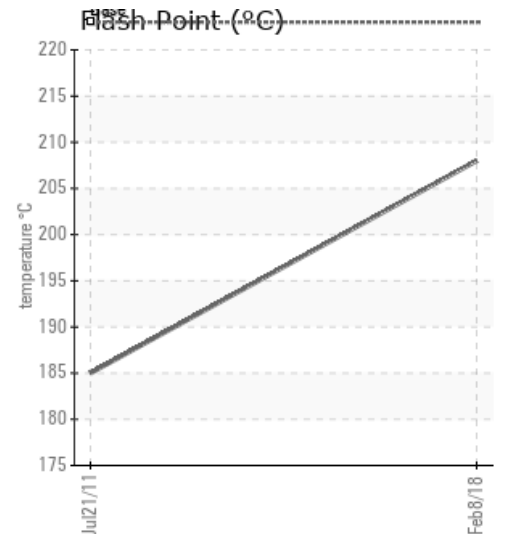
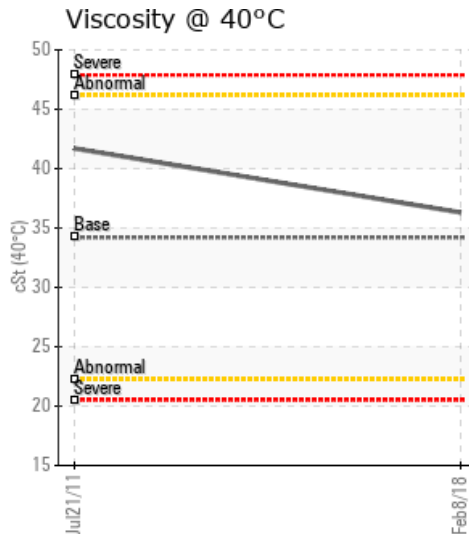
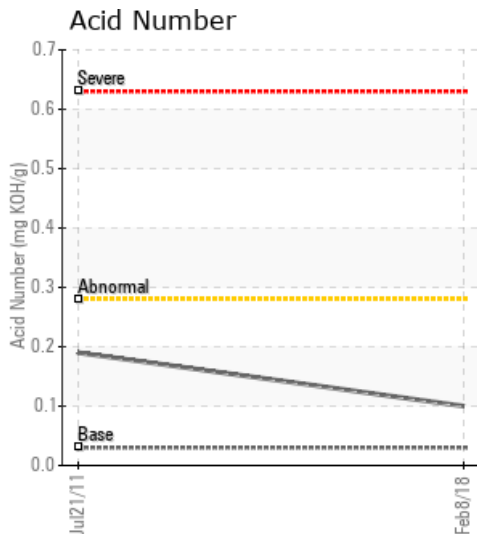
BOILER

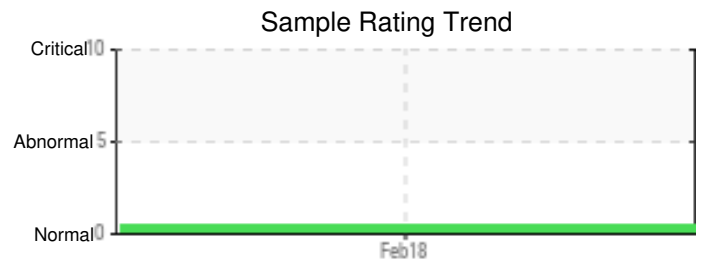
Customer: PTRHTF30112	System Information	Sample Information
PRESCOTT FINISHING INC 823 WALKER STREET PRESCOTT, ON K0E 1T0 Canada Attn: David Typhair Tel: (613)925-2859 E-Mail: david@prescottfinishing.com	System Volume: 3000 ltr Bulk Operating Temp: 600F / 316C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: VAPOR BOILER	Lab No: 02199175 Analyst: Claude Bureau Sample Date: 02/08/18 Received Date: 02/16/18 Completed: 02/28/18 To discuss this report contact Claude Bureau at (438)863-7577

Recommendation: All parameters are normal. The Petro-Therm fluid is in very good condition and can stay in service until next sampling. We recommend a new sample in 12 months.

Comments:

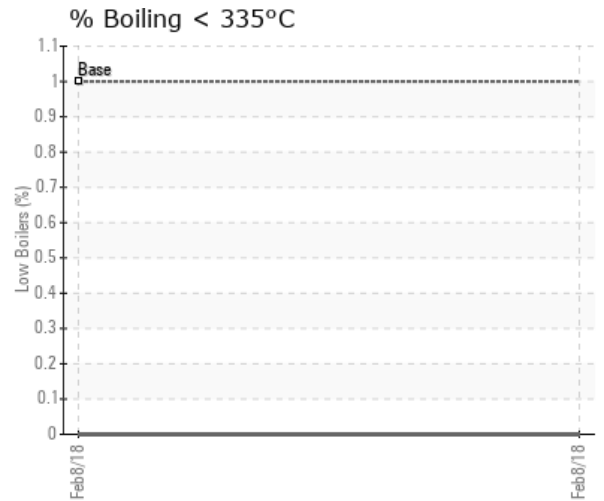
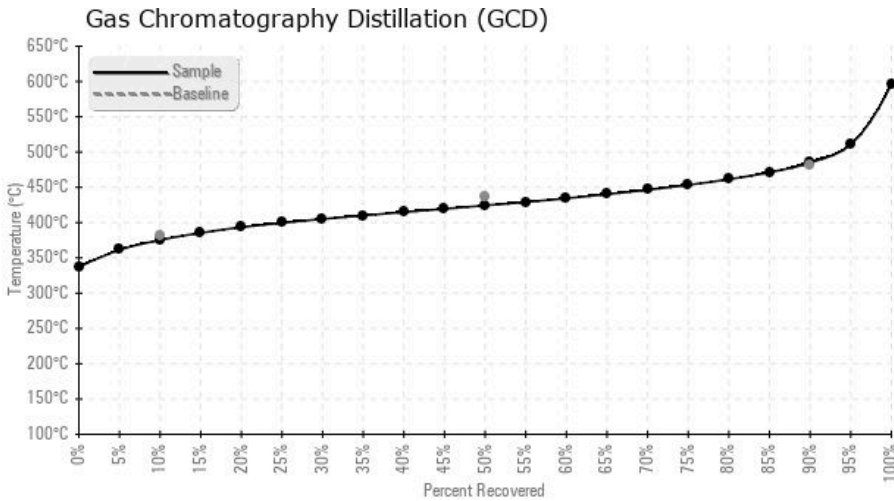
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
02/08/18	02/16/18	7y		406 / 208	6.7	36.3	0.10	0.048	708 / 375	796 / 424	905 / 485	0.00
07/21/11	09/21/11	8220y		365 / 185		41.7	0.19					
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
02/08/18	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/21/11	56	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	1	1	2
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	
07/21/11	We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We advise that you check all areas where contaminants can enter the system. Resample in 30-45 days to monitor this situation. The oil is near the end of its useful service life, recommend schedule an oil change. We recommend an early resample to monitor this condition. (not applicable) Particles >14µm and particles >21µm, particles >38µm and particles >6µm are severely high. Particles >71µm are notably high. The flash point is lower than normal. The fluid is no longer serviceable.

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