

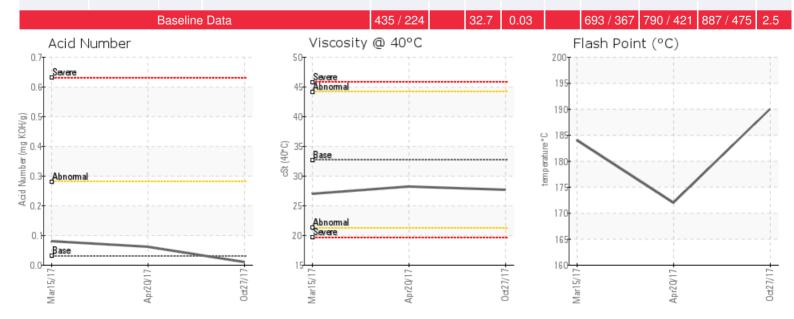
TFS H/O SYSTEM #1

Customer: PTRHTF10176	System Information	Sample Information
CERTAINTEED ROOFING	System Volume: 4462 gal	Lab No: 02180912
100 CERTAINTEED DR	Bulk Operating Temp: 525F / 274C	Analyst: Gaston Arseneault
JONESBURG, MO 63351 USA	Heating Source:	Sample Date: 10/27/17
Attn: Brad Van Sickle	Blanket:	Received Date: 11/08/17
Tel: (636)235-8794	Fluid: PETRO CANADA CALFLO AF	Completed: 11/27/17
E-Mail: brad.vansickle@saint-gobain.com	Make: FSE	To discuss this report contact Gaston
		Arseneault at 973-986-6503

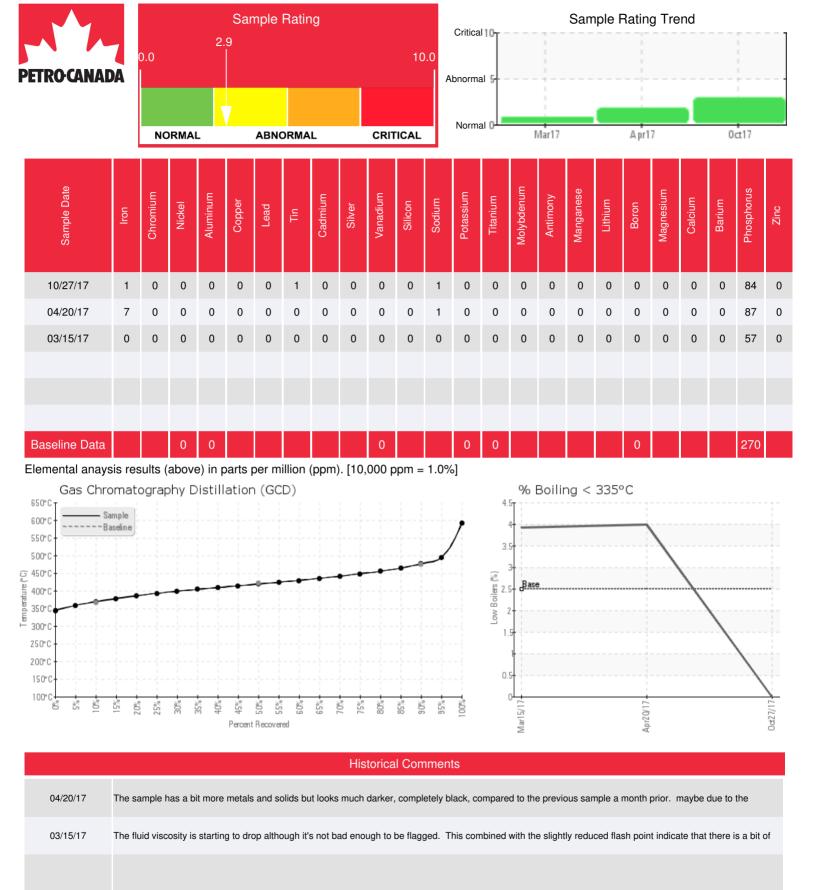
Recommendation: While the flash point appears to have gone up a bit, the viscosity dropped slightly, showing the unpredictability of the flash point test. The oil condition shows We recommend to perform some venting of this fluid by sending the vapors to the expansion tank and replenish the losses with fresh oil. This should help restore both the viscosity and the flash point closer to fresh oil values.

Comments: COC Flash Point is marginally low.

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	%
10/27/17	11/08/17	2у		374 / 190	18.1	27.7	0.01	0.034	696 / 369	786 / 419	889 / 476	0.00
04/20/17	05/01/17	2у	STRAINER MAIN PUMP	342 / 172	102.6	28.2	0.06	0.081	680 / 360	792 / 422	895 / 479	3.99
03/15/17	04/05/17	2у	STRAINER NR MAIN PMP	363 / 184	13.9	27.0	0.081	0.028	683 / 361	794 / 423	901 / 483	3.92



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