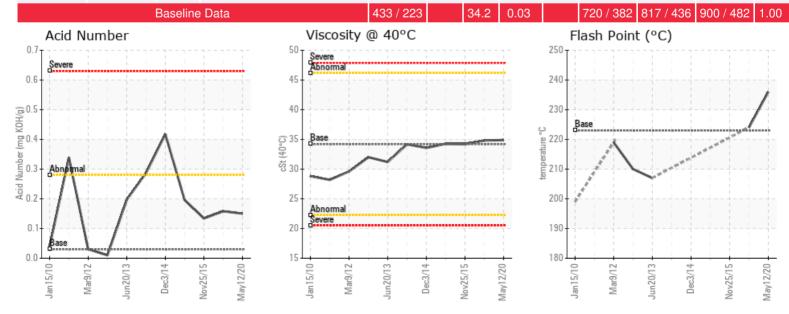


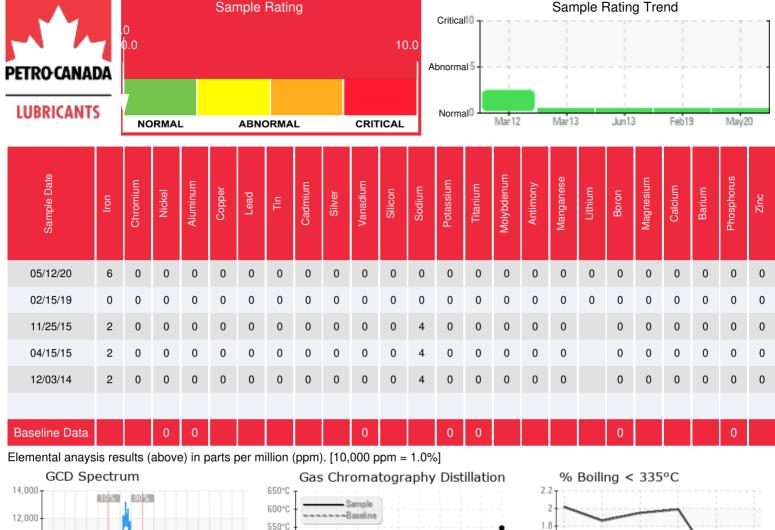
	System mornation	Sample mornation			
CERTAINTEED CORPORATION -	System Volume: 0 gal	Lab No: 02363011			
OXFORD	Bulk Operating Temp: 0F / -18C	Analyst: Gaston Arseneault			
200 CERTAINTEED RD	Heating Source:	Sample Date: 05/12/20			
OXFORD, NC 27565 USA	Blanket:	Received Date: 07/06/20			
Attn: Seth Newton	Fluid: PETRO CANADA PETRO-THERM	Completed: 07/07/20			
Tel: (919)693-1141	Make:	Gaston Arseneault			
E-Mail: Seth.newton@saint-gobain.com		gaston.arseneault@petrocanadalsp.com			

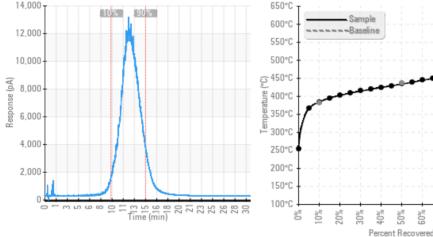
Recommendation: Despite the dark appearance, which is normal for hot oils, the sample shows nothing abnormal or marginal to act upon. Re-sample at next scheduled interval.

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	%
05/12/20	07/06/20	5m		457 / 236	22.8	34.9	0.15	0.191	723 / 384	813 / 434	912 / 489	1.08
02/15/19	02/28/19	1m	DRAIN POINT	435 / 224	9.7	34.8	0.158	0.029	698 / 370	788 / 420	892 / 478	1.34
11/25/15	11/27/15	0m				34.2	0.134					
04/15/15	04/21/15	0m				34.26	0.196					
12/03/14	01/05/15	0m				33.57	0.418					







1.6 30 1.4 30 1.4 30 0.8 0.8 0.6 0.4

Mar9/12

Mar14/13

Feb 15/19

Mav12/20

0.2

0

Jan 15/10

Historical Comments 02/15/19 Glad to see this system back on our normal Hot Oil testing program. All parameters are within acceptable limits, contamination by water is barely detectable, oxidation is very mild. Keep monitoring along with the other systems. No action needed at this time. 11/25/15 Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the component. The amount and size of particulates present in the system is acceptable. The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service. 04/15/15 Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the component. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service. 04/15/15 Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the component. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service. 12/03/14 No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of particulates present in the fluid. The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service. 12/03/14 Image: the next service interval to monitor. The AN level is acceptable for this fluid. The

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