

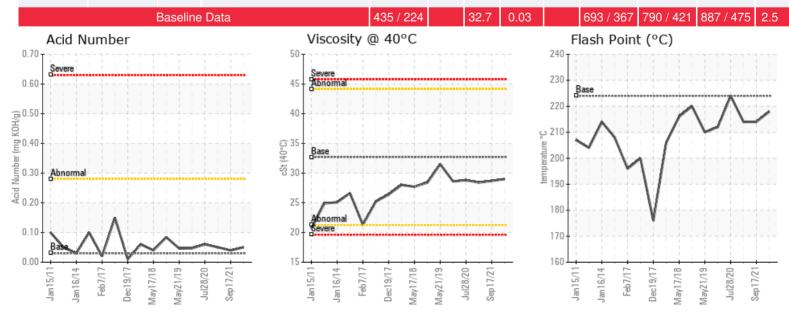
## **MODIFIED ROOM**

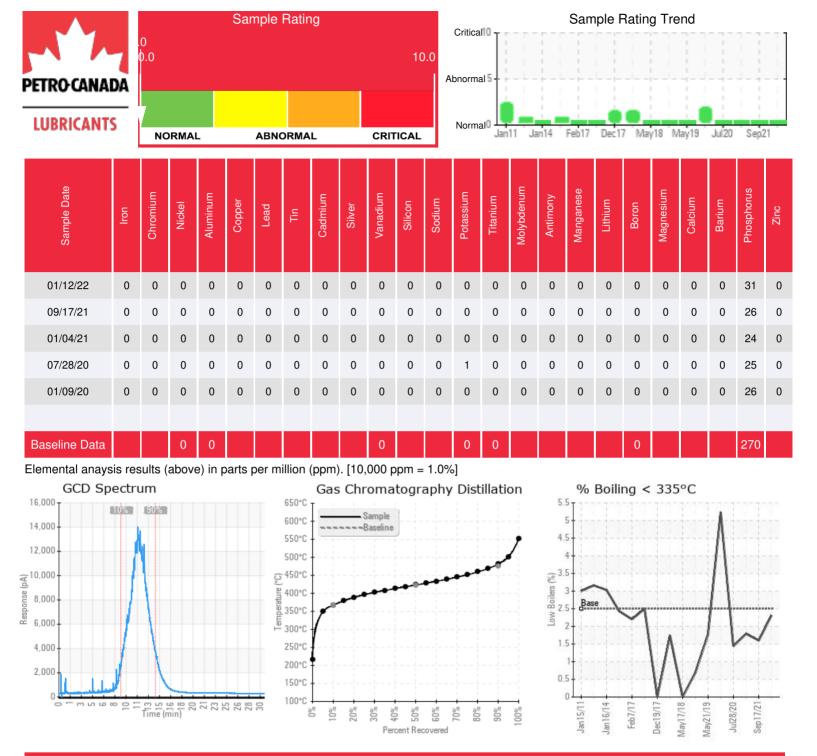
Customer: PTRHTF10059	System Information	Sample Information
CERTAINTEED - SAINT GOBAIN	System Volume: 320 gal	Lab No: 02473039
11519 US RT 250 N	Bulk Operating Temp: 480F / 249C	Analyst: Yvette Trzcinski
MILAN, OH 44846 USA	Heating Source:	Sample Date: 01/12/22
Attn: DAVE BLAKELY	Blanket:	Received Date: 02/18/22
Tel: (419)541-0843	Fluid: PETRO CANADA CALFLO AF	Completed: 02/23/22
E-Mail: dave.l.blakely@saint-gobain.com	Make: FIRST THERMOL	Yvette Trzcinski
		vvette.trzcinski@hollvfrontier.com

Recommendation: Flash point, acid number and insolubles are all low and the GCD distillation boiling points are all within specification fluid is suitable for continued service re-sample in 6-12 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	%
01/12/22	02/18/22	0.0h	sample port	424 / 218	11.3	29.0	0.05	0.029	692 / 367	793 / 423	898 / 481	2.31
09/17/21	10/05/21	0.0h	SAMPLE PORT	417 / 214	25.2	28.7	0.04	0.097	695 / 368	793 / 423	897 / 481	1.60
01/04/21	01/19/21	0.0h	Sample Port	417 / 214	11.1	28.4	0.05	0.098	693 / 367	792 / 422	895 / 480	1.79
07/28/20	08/05/20	0.0h	FILTER DRAIN	435 / 224	20.9	28.8	0.06	0.030	696 / 369	793 / 423	895 / 479	1.44
01/09/20	01/17/20	3.0h		414 / 212	4.4	28.6	0.047	0.057	666 / 352	776 / 413	882 / 472	5.23
01/09/20	01/17/20	3.011		414/212	4.4	20.0	0.047	0.057	000/352	110/413	002/4/2	5.23





## Historical Comments

09/17/21	Sample results indicate the fluid is acceptable for continued service the flash point, viscosity, acid number, solids and GCD boiling points are all at acceptable ranges and there has been very little change from the sample in January. Resample at your next interval 9 -12 months
01/04/21	Viscosity, acid number and flash point all within specifications and water and contamination are low, resample at the next interval
07/28/20	Viscosity has remained constant from the last sample in January and the low boilers amount has decreased - flash point looks good, Resample at the next sampling interval
01/09/20	The oil condition overall is good, it still has that light and clear appearance. The viscosity has dropped a bit and low boilers gone up a bit too even though the flash point remains strong. Resample at the next scheduled interval and if the low boilers and viscosity keep on trending this way we will recommend to do a vent off and replace volume losses with fresh oil.

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