

HOT OIL HEATER #1

Customer: PTRHTF10070

CERTAINTEED - SAINT GOBAIN 6350 NW FRONT AVE PORTLAND, OR 97210 USA

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Tel:

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System Information

System Volume: 600 ltr

Bulk Operating Temp: 0F / -18C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make:

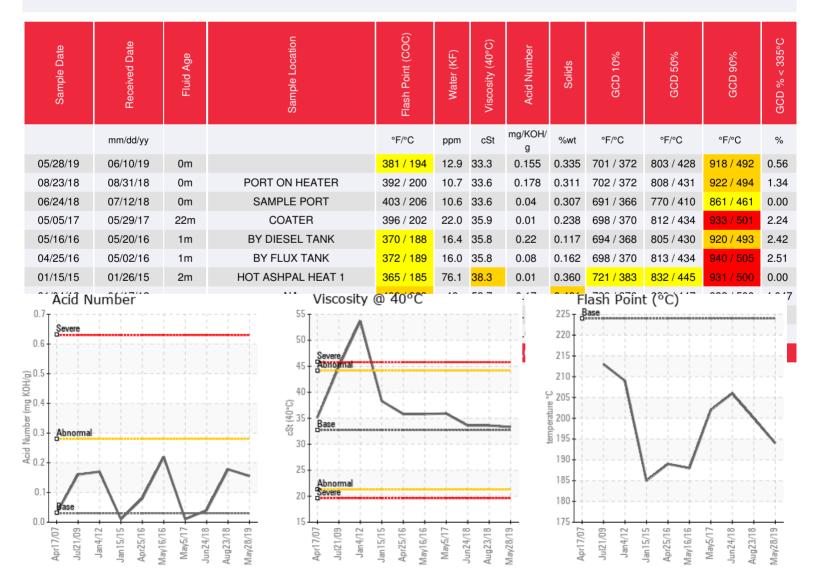
Sample Information

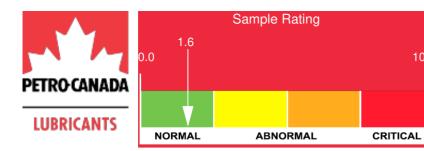
Lab No: 02290053 Analyst: Ron LeBlanc Sample Date: 05/28/19 Received Date: 06/10/19

Completed: 06/12/19

Recommendation: Resample in 1 month. Purge sample line before collecting oil.

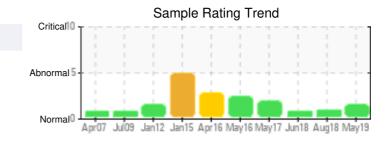
Comments: (GCD) 90% Distillation Point is abnormally high. COC Flash Point is marginally low.

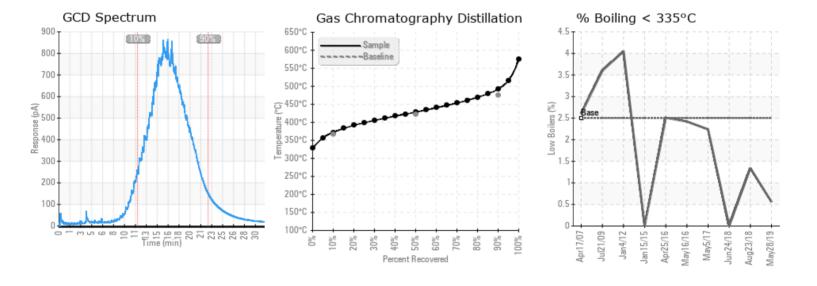




	Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
	05/28/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	0
	08/23/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0
	06/24/18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	0
	05/05/17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0
	05/16/16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
	04/25/16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
	01/15/15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0
Ε	lenonenota/12enays	is 4 es	sul t s (above	e) jon p	oantos p	oeiŋm	illi o n	(ppgm)). [00,	000 p	pm =	1.0%	0 [0	0	0	0	0	0	0	3	0	0	0
	07/21/09	0	0	0	0	0	0	0	0	0	0	15	2		0	0		0			0	0	0	0	0
	04/17/07																								
	Baseline Data			0	0						0			0	0					0				270	

Historical Comments										
08/23/18	The oil is in excellent condition as all properties are within normal limits. Resample in 1 year. (GCD) 90% Distillation Point is abnormally high.									
06/24/18	Pentane insoluble are elevated along with (GCD) 90% Distillation Point. Suggest purging oil from sample point and resample to confirm. (GCD) 90% Distillation Point is marginally low.									
05/05/17	Everything looks normal and consistent with previous results. Contamination or oil degradation is not a concern, flash point is strong. re-sample at next scheduled interval. (GCD) 90% Distillation Point is severely high.									
05/16/16	This was a re-sample and the results indicate it's very similar to the last sample. Everything seems normal and suggest to re-sample at the normal 1yr interval. (GCD) 90% Distillation Point is abnormally high. COC Flash Point is marginally low.									
04/25/16	*** NOTE Fluid changed to Petro-Canada CALFLO AF as per customer instruction. *** Understand new samples were taken and sent for testing. Report will be issued when those samples are completed. (GCD) 90% Distillation Point is severely high. COC Flash Point is marginally low.									
01/15/15	(GCD) 90% Distillation Point is severely high. Visc @ 40°C is abnormally high. (GCD) 10% Distillation Point is marginally high. (GCD) 50% Distillation Point is marginally high. COC Flash Point is marginally low. Viscosity has increased. Check heating temperature and system operating temp to confirm proper operation. Resample in 200 hrs to check system condition. (GCD) 90% Distillation Point is severely high. Visc @ 40°C is abnormally high. (GCD) 10% Distillation Point is marginally high. (GCD) 50% Distillation Point is marginally high. COC Flash Point is marginally low.									
01/04/12	Similar to System #3, the oil has a certain amout of soldis in it. The Total Acid NUmber is getting up there (0.17 currently), which means the olois going through oxidation process. Topping up with our Calflo AF as per Joe Quaranta's directive will help retard the fluid oxidation by providing a fresh boast of anti-oxidants. Resample once per year.									





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