

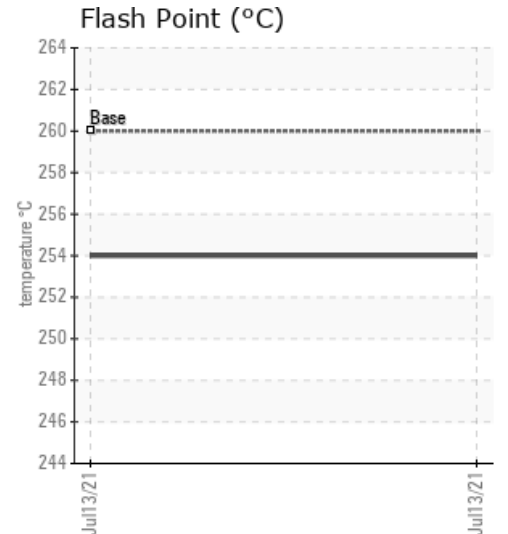
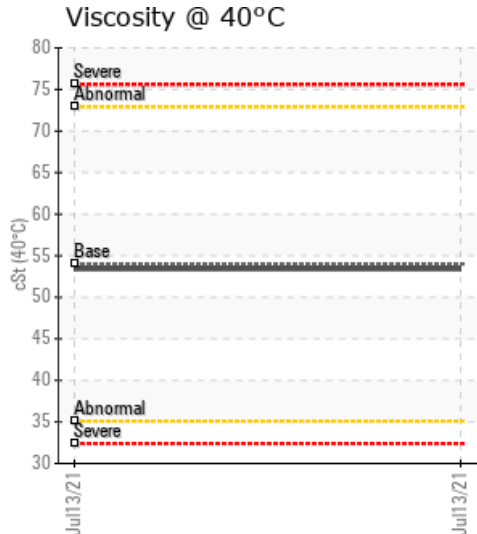
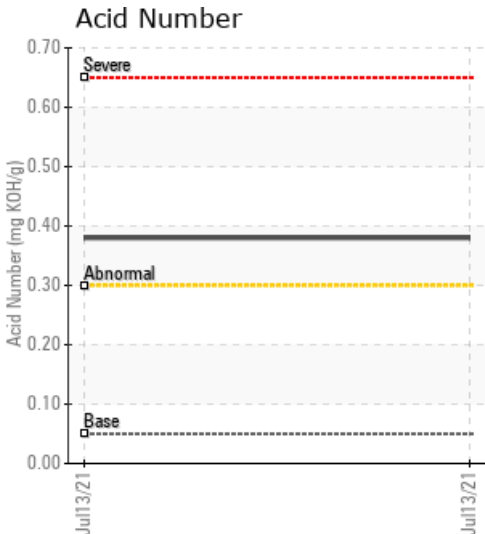
## TANK 2

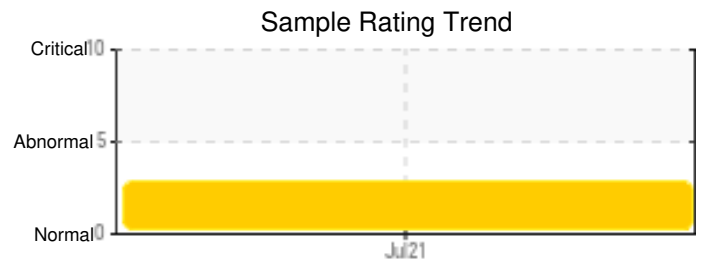
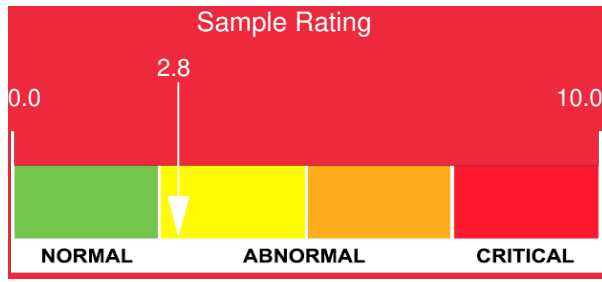
Customer: PTRHTF10247	System Information	Sample Information
DAYTON SAND AND GRAVEL 928 GOODWING MILLS RD DAYTON, ME 04005 USA Attn: Service Manager Tel: (207)468-2898 E-Mail: rkeene@daytonsand.com	System Volume: 175 gal Bulk Operating Temp: 350F / 177C Heating Source: Blanket: Fluid: SHELL HEAT TRANSFER OIL S2 X Make: INFERNOTHERM	Lab No: 02433870 Analyst: Joe Goecke Sample Date: 07/13/21 Received Date: 07/20/21 Completed: 07/27/21 Joe Goecke Joe.goecke@hollyfrontier.com

Recommendation: Acid number is elevated and should be watched. Viscosity and flash point are good as are low boilers. Oil looks okay to continue using.

Comments: Acid Number (AN) is abnormally high. (GCD) 10% Distillation Point is marginally low. (GCD) 90% Distillation Point is marginally low.

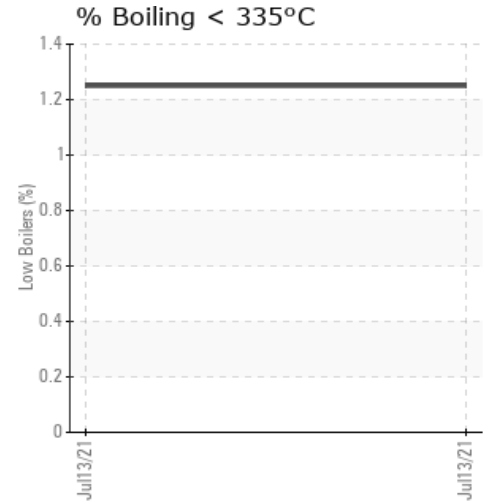
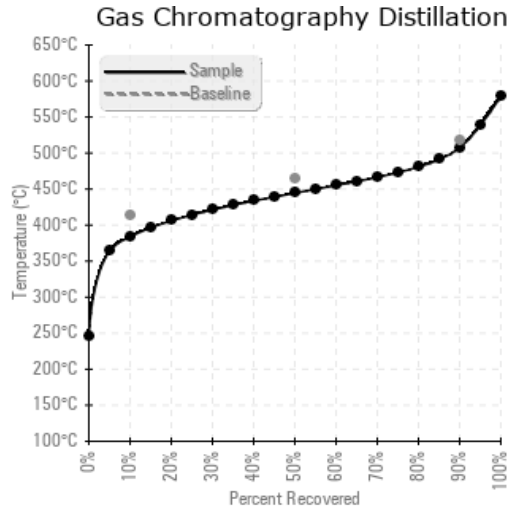
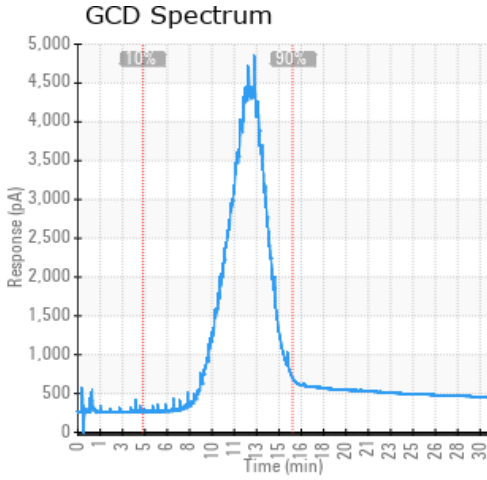
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
07/13/21	07/20/21	3.0y	TANK #2	489 / 254	325.0	53.4	0.38	0.156	723 / 384	832 / 445	945 / 507	1.25
Baseline Data				500 / 260		54	0.05		777 / 414	867 / 464	964 / 518	0.00





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
07/13/21	7	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
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


Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.