

O'HARE

Customer: PTRHTF10260
 Builders Asphalt
 4401 Roosevelt Road
 Hillside, IL 60162 USA
 Attn: Virgil Marksmaker
 Tel:
 E-Mail: marsmaker@gmail.com

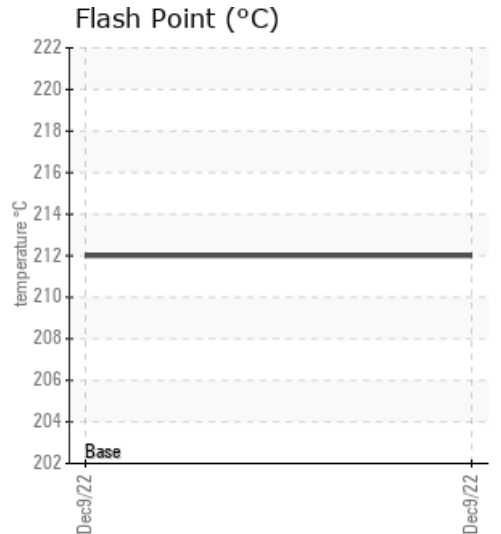
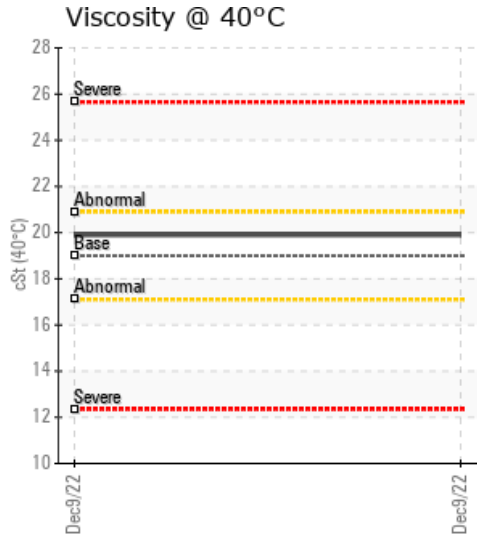
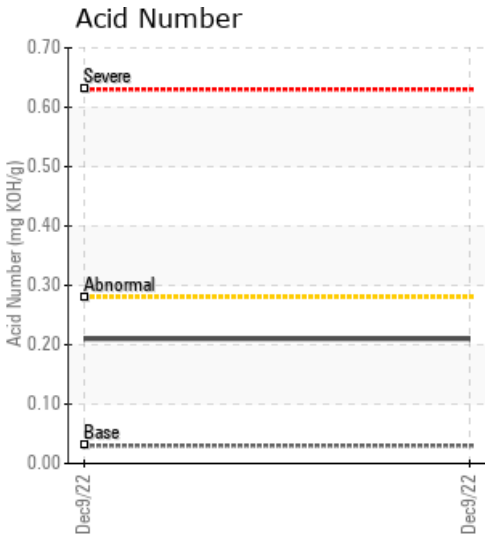
System Information
 System Volume: 500 gal
 Bulk Operating Temp: 330F / 166C
 Heating Source:
 Blanket:
 Fluid: EASTMAN THERMINOL 55
 Make: HYWAY/GENCOR

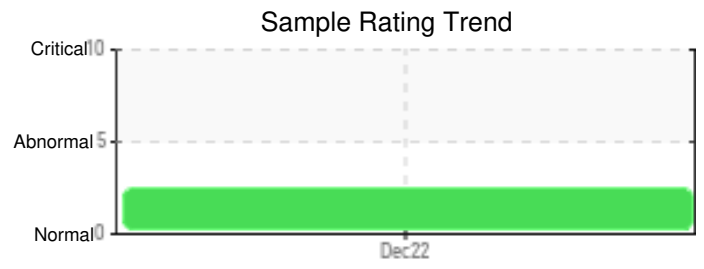
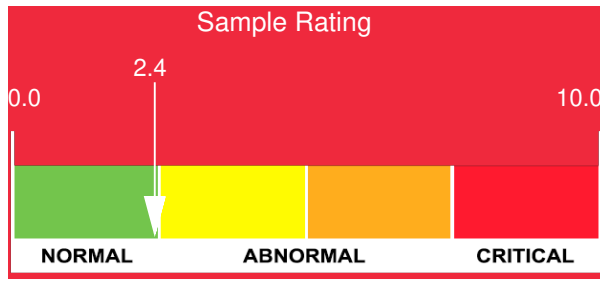
Sample Information
 Lab No: 02530450
 Analyst: Yvette Trzcinski
 Sample Date: 12/09/22
 Received Date: 12/22/22
 Completed: 01/03/23
 Yvette Trzcinski
 yvette.trzcinski@HFSinclair.com

Recommendation: seeing some signs of degradation and oxidation of the fluid - increase in viscosity, acid number and GCD distillation. Fluid is fit for continued service recommend, sample in 9-12 months

Comments: COC Flash Point is marginally high. (GCD) 10% Distillation Point is marginally high. (GCD) 90% Distillation Point is marginally high.

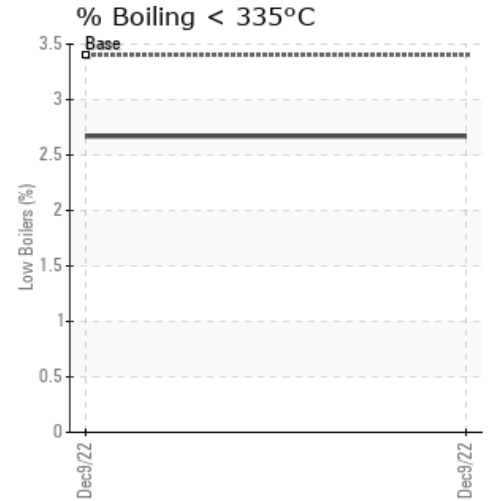
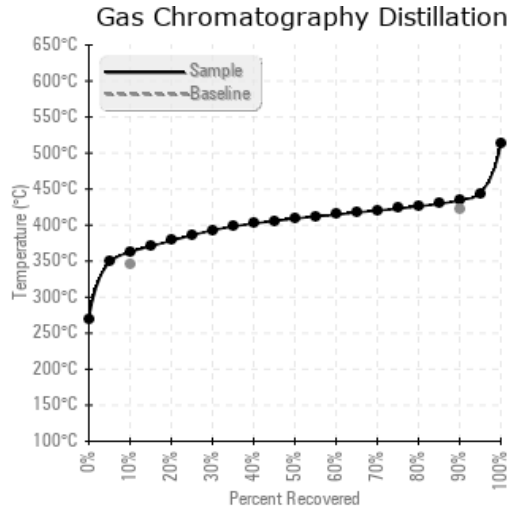
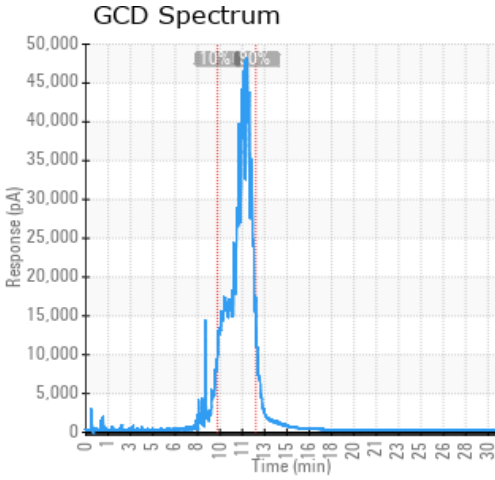
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
12/09/22	12/22/22	4.0y		414 / 212	19.2	19.9	0.21	0.038	684 / 362	768 / 409	814 / 434	2.67
Baseline Data				349 / 176		19.0	0.03		655 / 346		790 / 421	3.40





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
12/09/22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

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