

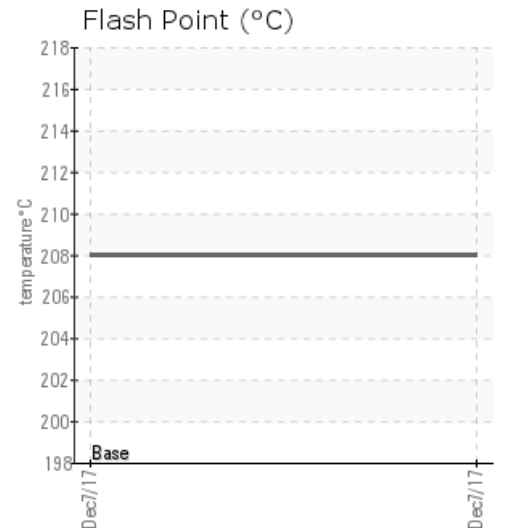
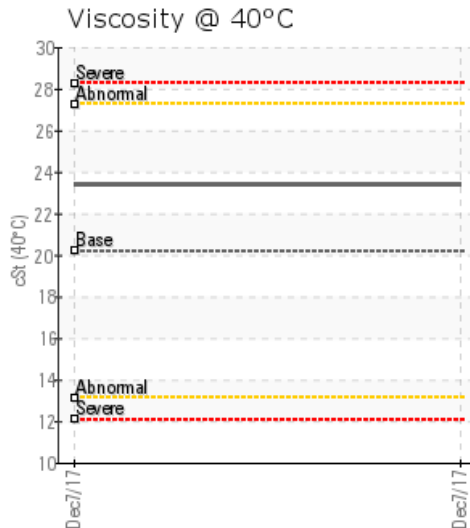
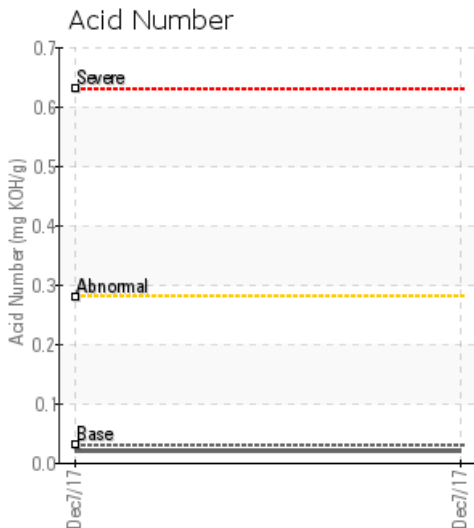
[ROSEMOUNT] UMORE201

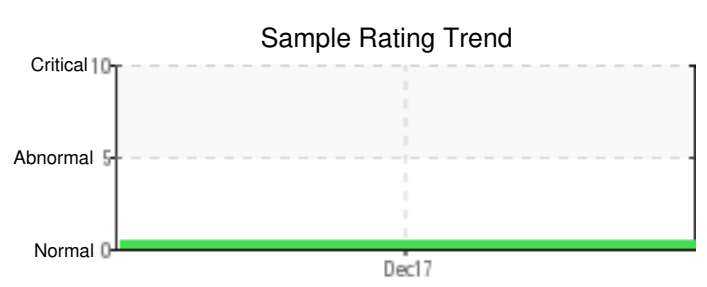
Customer: PTRHTF10192	System Information	Sample Information
HARDRIVES INC 502 S 33RD ST SAINT CLOUD, MN 56301 USA Attn: Chuck Theel Tel: (320)227-1681 E-Mail: ctheel@hardrivesinc.com	System Volume: 750 gal Bulk Operating Temp: 400F / 204C Heating Source: Blanket: Fluid: MOBIL MOBILTHERM 603 Make: HEATEC	Lab No: 02189490 Analyst: Neil Buchanan Sample Date: 12/07/17 Received Date: 12/21/17 Completed: 01/05/18 To discuss this report contact Neil Buchanan at 612-619-6571

Recommendation: Sample looks good. Resample next interval to monitor.

Comments:

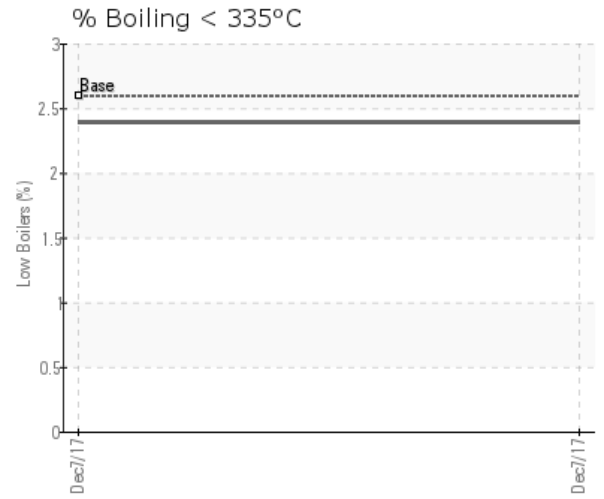
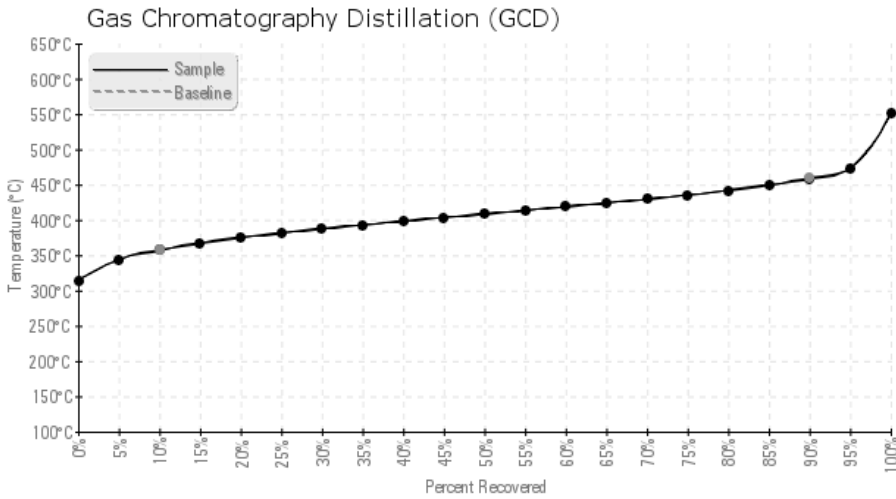
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
12/07/17	12/21/17	3y		406 / 208	0.00	23.4	0.02	0.023	675 / 357	767 / 408	858 / 459	2.39
Baseline Data				379 / 193		20.2	0.03		676 / 358		858 / 459	2.6





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
12/07/17	1	0	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	1
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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