

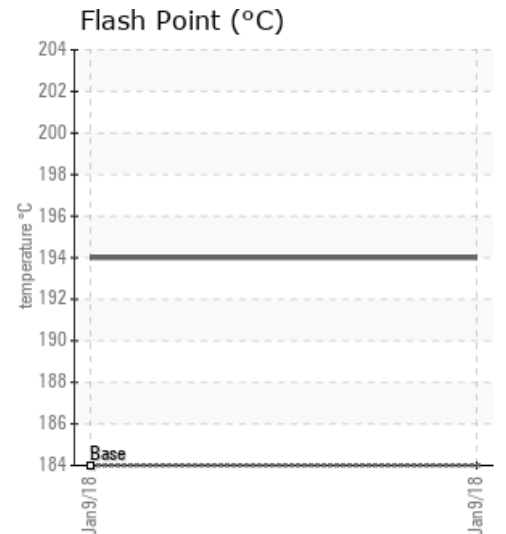
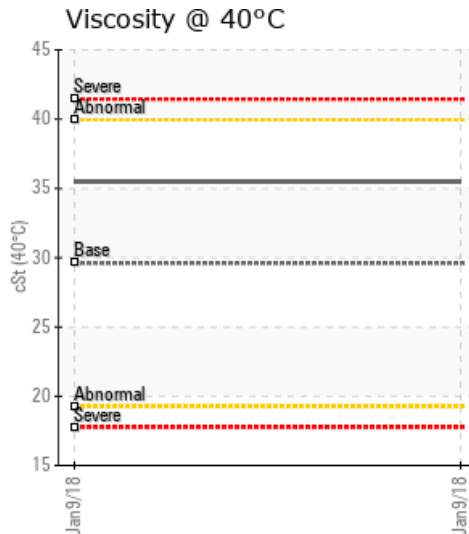
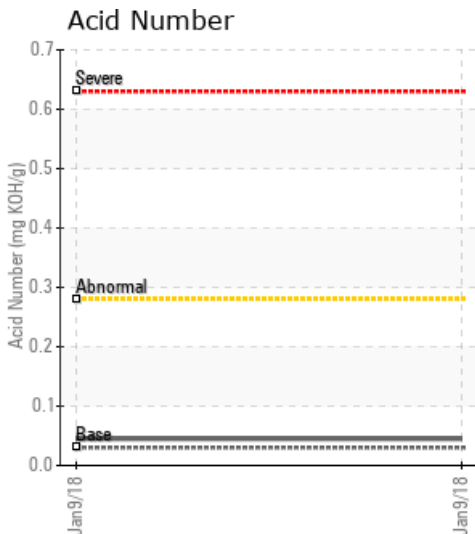
0793-09 #2 BLENDER

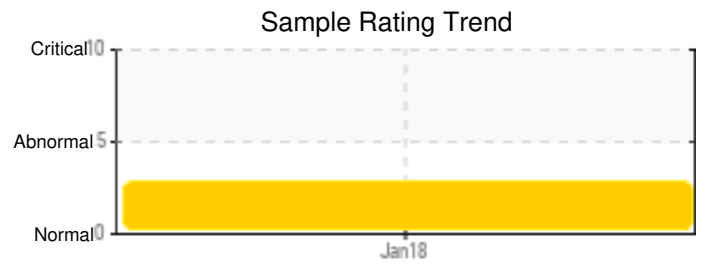
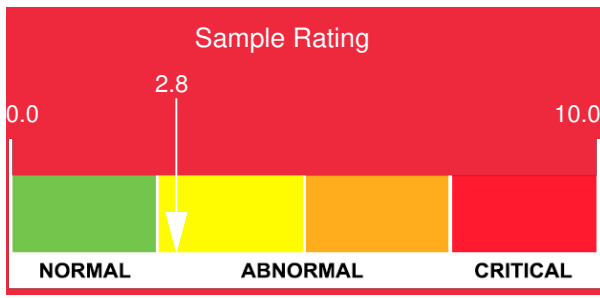
Customer: PTRHTF10191	System Information	Sample Information
Southwire Co. – SCBWP 3 Southwire Drive Carrollton, GA 30317 USA Attn: Bill Rayfield Tel: (770)832-4741 E-Mail: bill.rayfield@southwire.com	System Volume: 200 gal Bulk Operating Temp: 240F / 116C Heating Source: Blanket: Fluid: EASTMAN CHEMICAL THERMINOL 66 Make: ADVANTAGE	Lab No: 02193413 Analyst: Manny Garcia Sample Date: 01/09/18 Received Date: 01/18/18 Completed: 01/25/18

Recommendation: This fluid should be considered for a drain, flush and re-fill with Calflo AF or Calflo LT.

Comments: This fluid has an increase in the viscosity of 19.9% and this is due to the oil oxidizing and becoming sludgy and less effective. The pentane insolubles are .1 which are solids that should not be in the system and are there due to oxidized fluids. Very light debris visible in fluid. (GCD) 90% Distillation Point is severely high. (GCD) 10% Distillation Point is abnormally high.

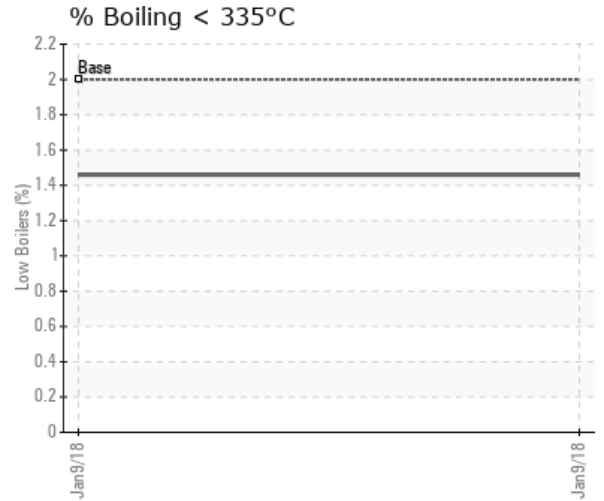
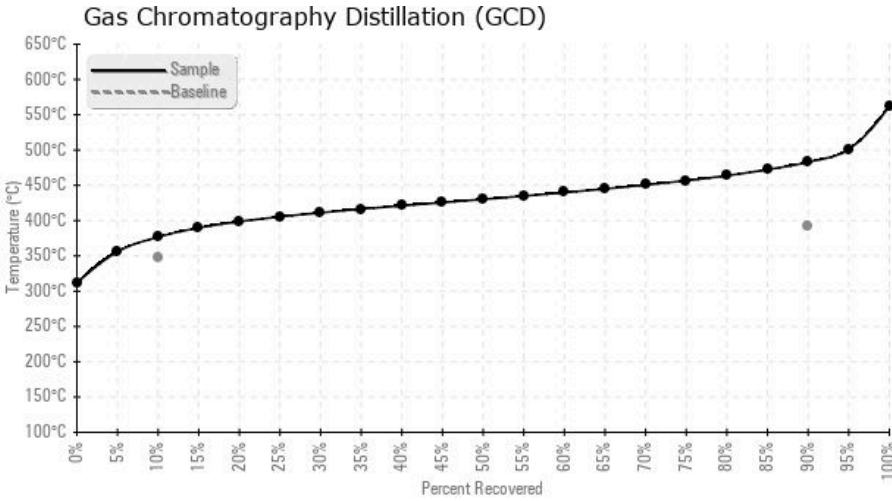
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
01/09/18	01/18/18	5y		381 / 194	7.4	35.5	0.045	0.101	710 / 377	806 / 430	901 / 483	1.46
Baseline Data				363 / 184		29.6	0.03		658 / 348		738 / 392	2.00





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
01/09/18	9	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	202	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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