

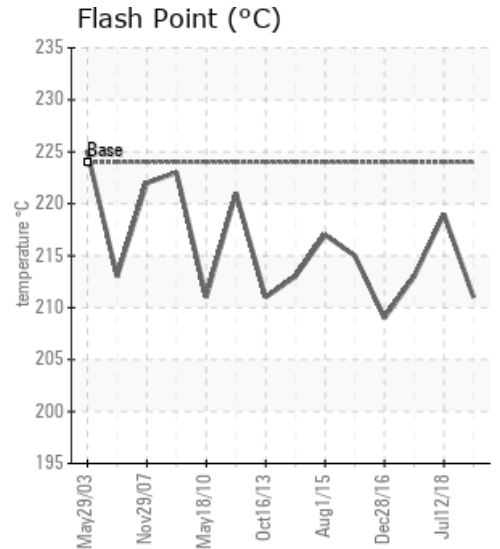
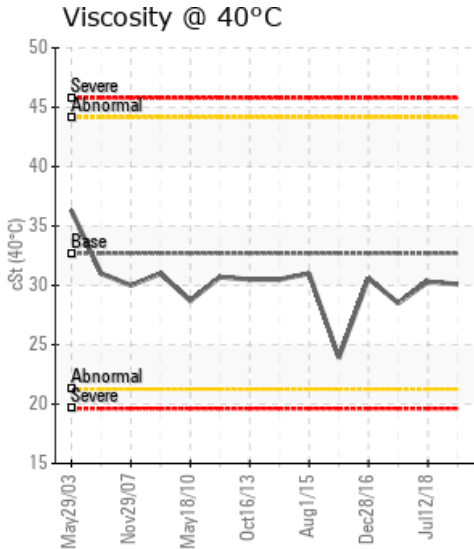
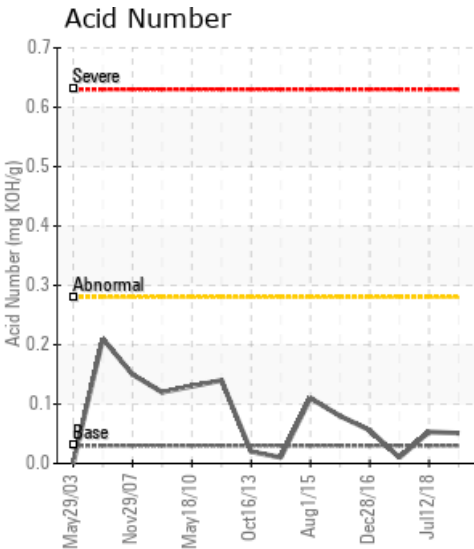
UNIT 5005

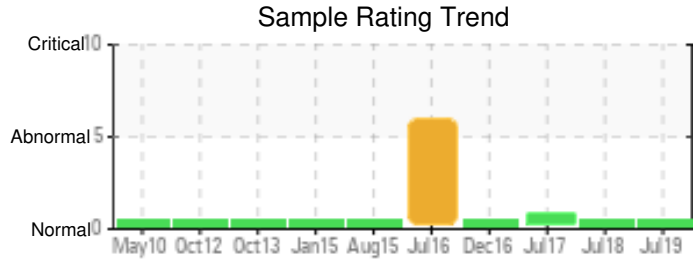
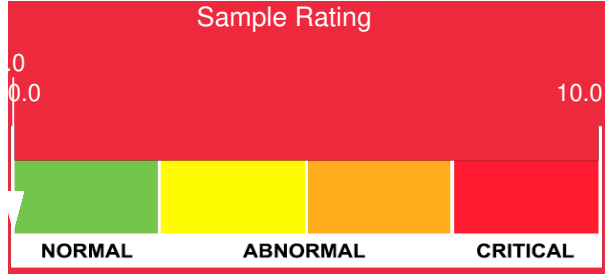
Customer: PTRHTF10082	System Information	Sample Information
JASPER RUBBER 1010 FIRST AVE JASPER, IN 47546 USA Attn: LARRY WAGNER Tel: (812)482-0841 E-Mail: lwagner@jasperrubber.com;jbye@jasperrubber.com	System Volume: 260 gal Bulk Operating Temp: 424F / 218C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make: KONUS	Lab No: 02300400 Analyst: Joe Goecke Sample Date: 07/25/19 Received Date: 08/01/19 Completed: 08/02/19

Recommendation: Sample is in excellent condition and should continue to be used.

Comments:

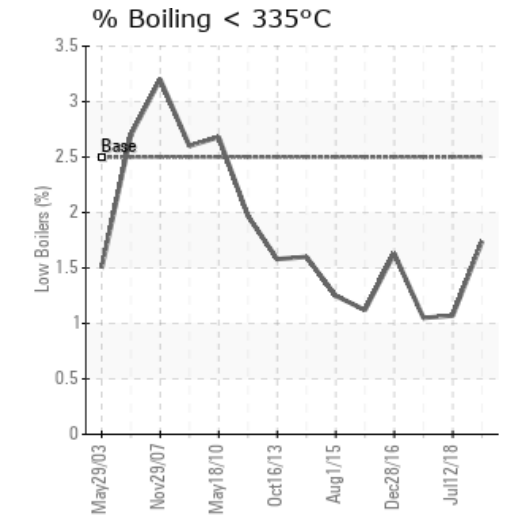
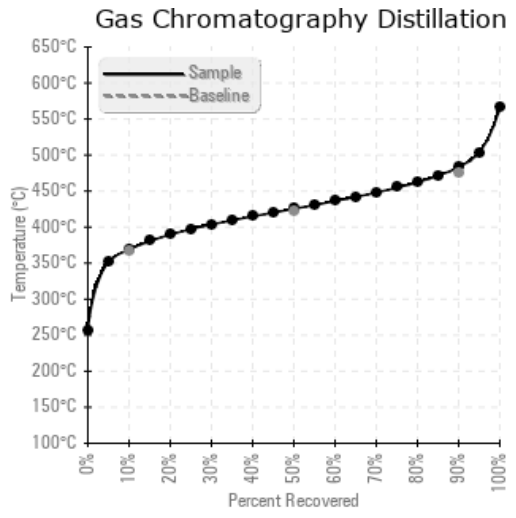
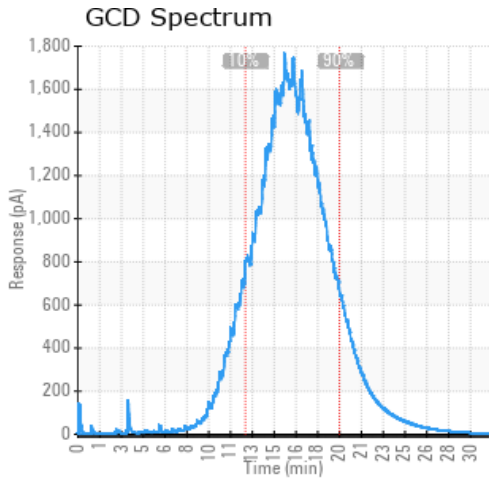
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
07/25/19	08/01/19	64014h	CLOSEST PRESS	412 / 211	18.7	30.1	0.051	0.045	696 / 369	798 / 425	902 / 483	1.74
07/12/18	07/19/18	54942h		426 / 219	10.4	30.3	0.053	0.053	701 / 372	796 / 425	895 / 480	1.07
07/03/17	07/28/17	46084h		415 / 213	19.0	28.5	0.01	0.185	702 / 372	800 / 427	909 / 487	1.05
12/28/16	01/03/17	41599h		408 / 209	5.4	30.6	0.056	0.053	695 / 368	798 / 426	902 / 483	1.63
07/30/16	08/19/16	37289h		419 / 215	19.1	23.9	0.08	0.066	696 / 369	789 / 421	884 / 474	1.12
08/01/15	08/13/15	26680h		423 / 217	0.00	31.0	0.11	0.040	701 / 371	804 / 429	904 / 485	1.25
Baseline Data				435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5





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	
07/25/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	
07/12/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0
07/03/17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	17	0
12/28/16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0
07/30/16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0
08/01/15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	43	0
Baseline Data			0	0						0		0	0					0					270		

Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments

07/12/18	Sample looks good. Continue to use and resample at next scheduled interval.
07/03/17	Analysis looks good, new issues resample at next interval. (GCD) 90% Distillation Point is marginally high.
12/28/16	Current system looks to be in good condition. Continue operating and resample at next scheduled interval.
07/30/16	Viscosity is very low at 23.9. Reason for red. Although flash point is still good. Suggest resampling at half normal cycle or partial change to increase viscosity.
08/01/15	This sample is in good condition and suitable for further use. Sample again at next maintenance interval.

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