

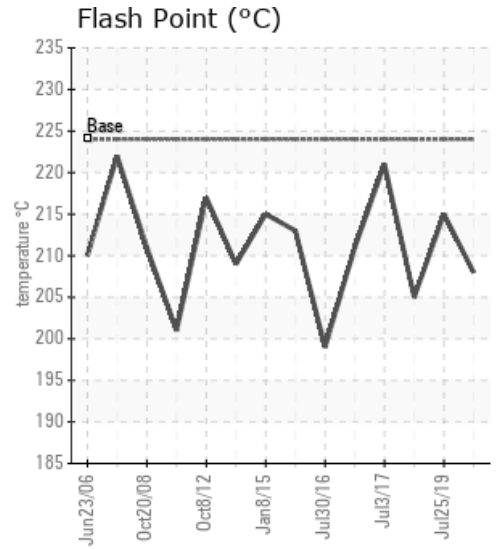
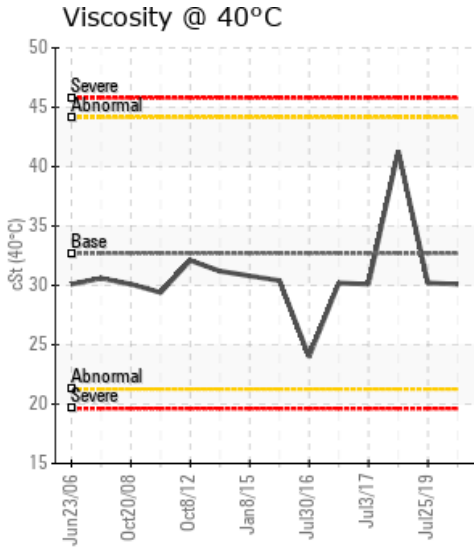
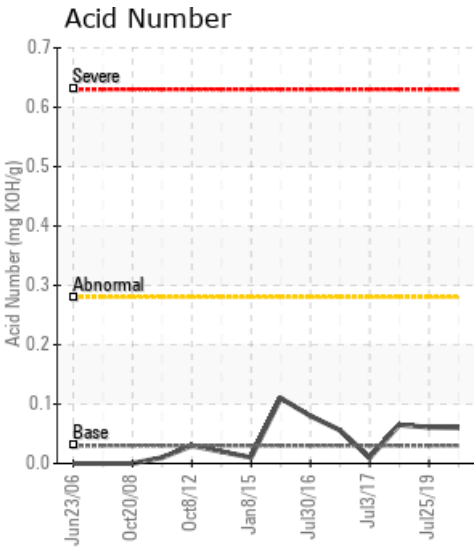
UNIT 5013

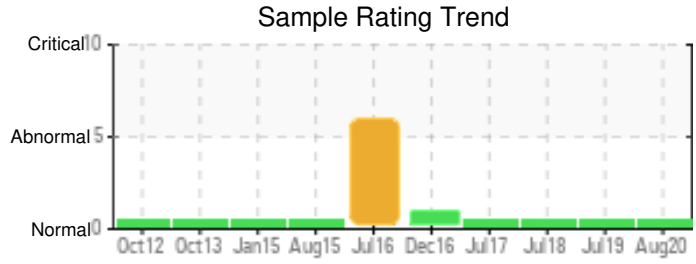
Customer: PTRHTF10082	System Information	Sample Information
JASPER RUBBER 1010 FIRST AVE JASPER, IN 47546 USA Attn: LARRY WAGNER Tel: (812)482-0841 E-Mail: lwagner@jasperrubber.com	System Volume: 600 gal Bulk Operating Temp: 424F / 218C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make: KONUS	Lab No: 02372765 Analyst: Joe Goecke Sample Date: 08/21/20 Received Date: 08/27/20 Completed: 08/31/20 Joe Goecke joe.goecke@petrocanadalsp.com

Recommendation: Flash point slightly lower but not a problem. Continue to use and resample at normal interval.

Comments:

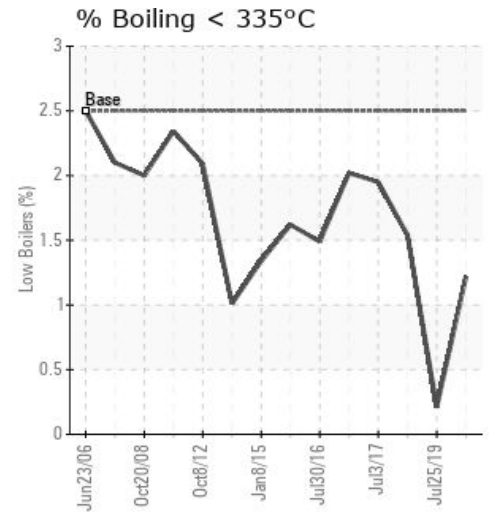
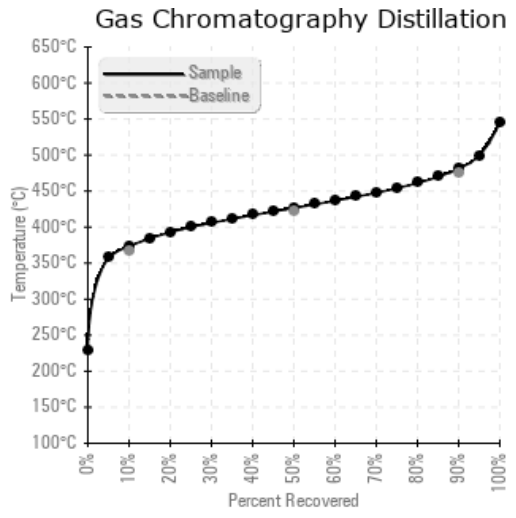
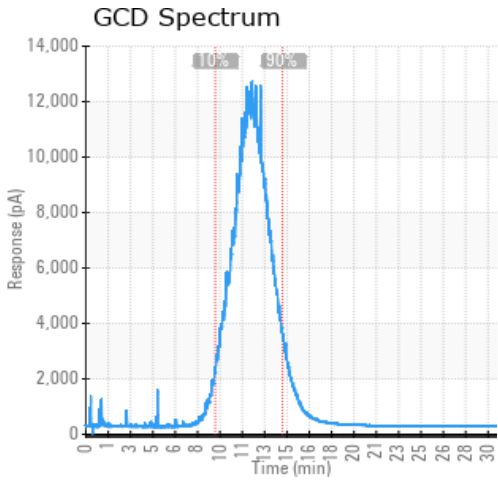
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
08/21/20	08/27/20	77800h		406 / 208	17.1	30.1	0.06	0.039	704 / 373	800 / 427	898 / 481	1.22
07/25/19	08/01/19	68443h	CLOSEST PRESS	419 / 215	12.0	30.2	0.061	0.048	684 / 362	773 / 412	880 / 471	0.21
07/12/18	07/19/18	59371h		401 / 205	8.0	41.3	0.065	0.035	695 / 368	793 / 423	891 / 477	1.54
07/03/17	07/28/17	50513h		430 / 221	9.8	30.1	0.01	0.037	692 / 367	793 / 423	892 / 478	1.95
12/28/16	01/03/17	46028h		412 / 211	9.9	30.2	0.056	0.035	693 / 367	801 / 427	910 / 488	2.02
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
08/21/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0
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	33	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	32	0
07/03/17	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	0	0	42	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	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

07/25/19	Sample is in excellent condition and should continue to be used.
07/12/18	Oil looks great with little degradation, continue to use. Sample at next interval.
07/03/17	Analysis looks good, no action required resample at next interval.
12/28/16	Current system looks to be in good condition. Continue to operate and resample at normal interval. (GCD) 90% Distillation Point is marginally high.

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