

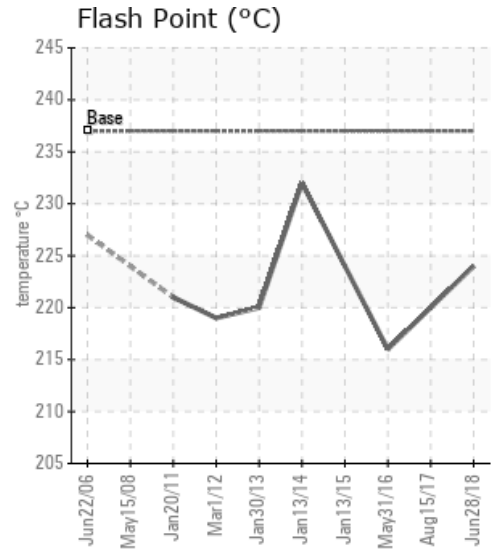
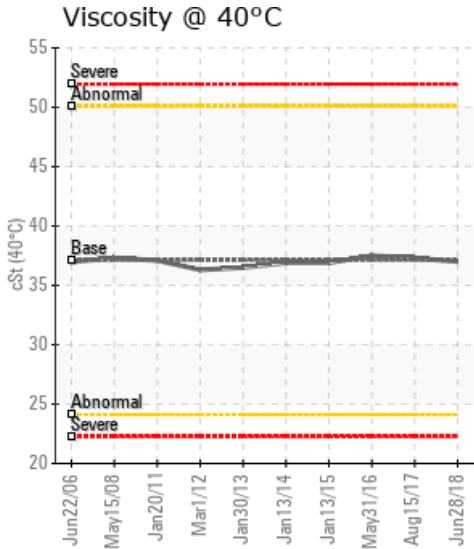
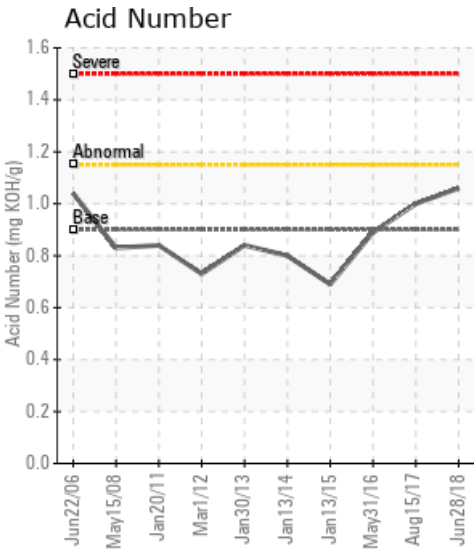
B100 LEE

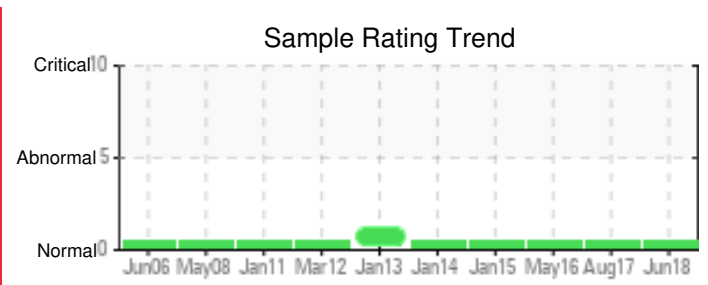
Customer: PTRHTF10078	System Information	Sample Information
WEST FORK CREATIONS 15 PEPSI DRIVE RED LODGE, MT 59068 USA Attn: JENNIFER BOTTORFF Tel: (406)446-3060 E-Mail: jenb@kingscupboard.com	System Volume: 25 gal Bulk Operating Temp: 450F / 232C Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make: STERLCO	Lab No: 02229778 Analyst: Ron LeBlanc Sample Date: 06/28/18 Received Date: 07/23/18 Completed: 07/24/18 To discuss this report contact Ron LeBlanc at (541)678-7044

Recommendation: Sample appears normal. Resample at normal interval.

Comments:

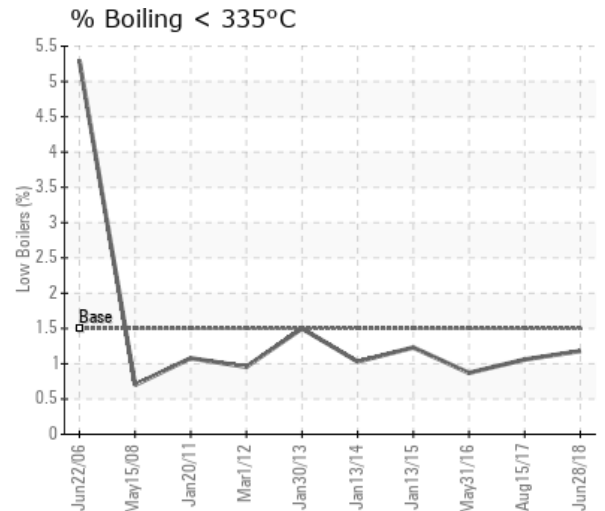
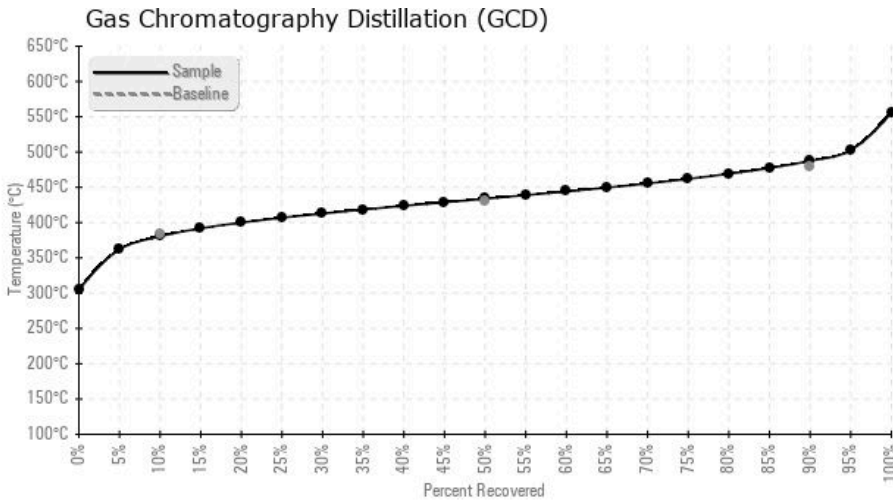
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
06/28/18	07/23/18	5y	OIL DRAIN	435 / 224	12.0	37.0	1.06	0.050	717 / 380	813 / 434	910 / 488	1.18
08/15/17	08/25/17	3y		428 / 220	27.1	37.3	1.00	0.095	718 / 381	815 / 435	912 / 489	1.06
05/31/16	06/09/16	1y	DRAIN PLUG	421 / 216	27.3	37.5	0.89	0.068	722 / 383	819 / 437	913 / 489	0.87
01/13/15	01/26/15	4y	DRAIN PLUG	435 / 224	27.0	36.9	0.69	0.048	705 / 374	797 / 425	913 / 489	1.23
01/13/14	01/23/14	3y	STERLCO	450 / 232	32.6	36.9	0.80	0.228	721 / 383	818 / 437	915 / 491	1.03
01/30/13	01/31/13	2y	DRAIN PLUG	428 / 220	68.3	36.5	0.84	0.066	717 / 381	815 / 435	915 / 491	1.50
Baseline Data				459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5





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	
06/28/18	7	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	66	3	
08/15/17	8	0	0	0	1	0	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	66	6
05/31/16	7	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	67	6
01/13/15	6	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	66	1
01/13/14	7	0	0	0	2	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	67	1
01/30/13	7	0	0	0	2	1	0	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0	70	2
Baseline Data			0	0						0			0	0					0					230	

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



Historical Comments	
08/15/17	Sample appears normal. Resample in 3 months.
05/31/16	Sample is in excellent condition, please re-sample at the next maintenance interval.
01/13/15	Sample appears normal. Continue to sample at normal interval.
01/13/14	Based on the results, the oil properties remain unchanged. Keep up the good work and re-sample same time next year.
01/30/13	The oil condition appears to be satisfactory for further service. Please sample at least every year. We would welcome twice per year if feasible.

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