

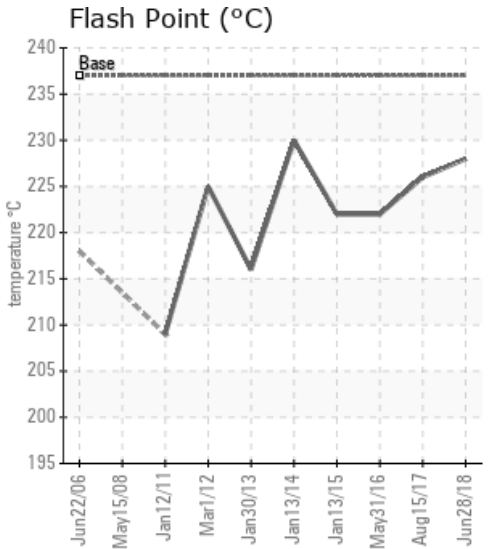
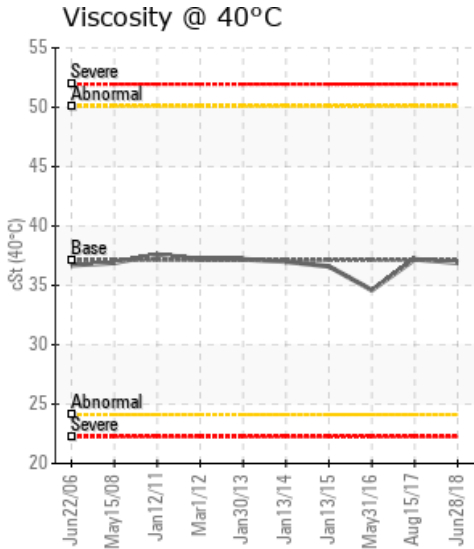
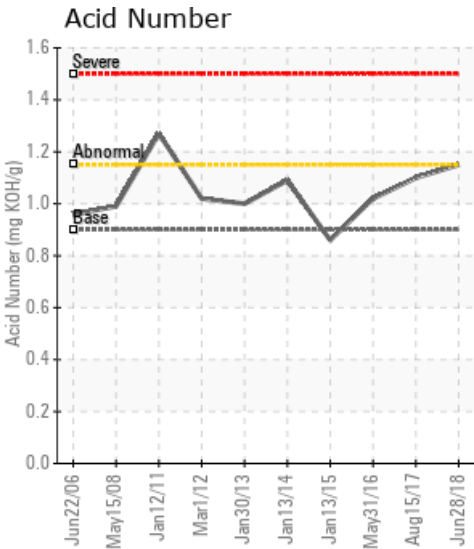
B80 GROEN

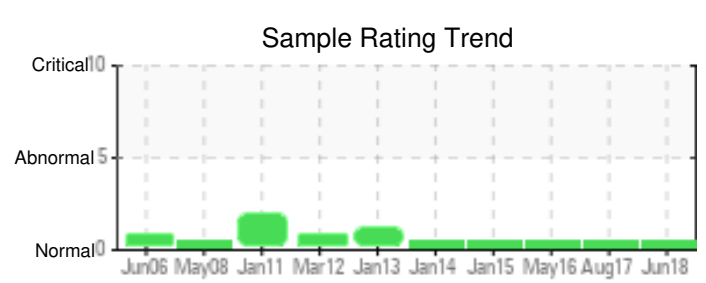
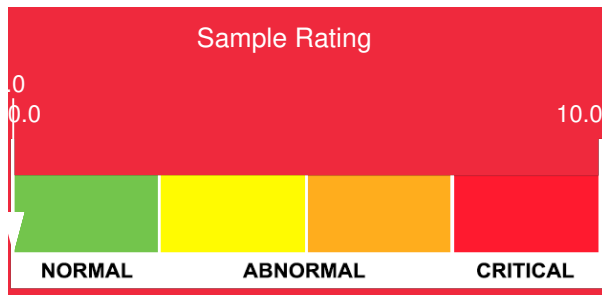
Customer: PTRHTF10078	System Information	Sample Information
WEST FORK CREATIONS 15 PEPSI DRIVE RED LODGE, MT 59068 USA Attn: JENNIFER BOTTORFF Tel: (406)446-3060 E-Mail: jenb@kingscupboard.com	System Volume: 25 gal Bulk Operating Temp: 450F / 232C Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make: STERLCO	Lab No: 02229776 Analyst: Ron LeBlanc Sample Date: 06/28/18 Received Date: 07/23/18 Completed: 07/27/18 To discuss this report contact Ron LeBlanc at (541)678-7044

Recommendation: Sample appears normal. Continue current sample interval.

Comments:

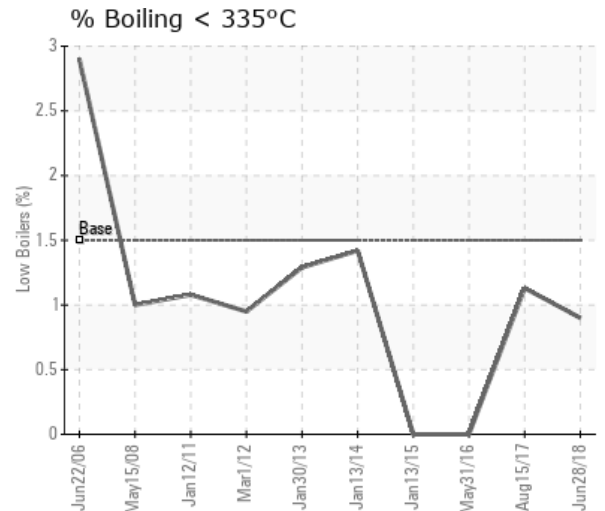
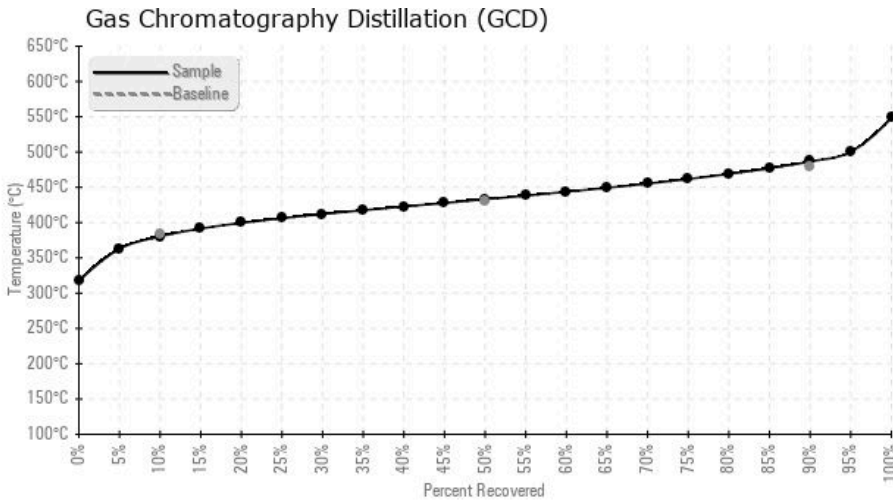
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
06/28/18	07/23/18	5y	OIL DRAIN	442 / 228	10.3	36.9	1.15	0.034	717 / 380	811 / 433	908 / 487	0.90
08/15/17	08/25/17	14y		439 / 226	20.5	37.2	1.10	0.037	717 / 381	813 / 434	906 / 486	1.13
05/31/16	06/09/16	12y	DRAIN PLUG	432 / 222	20.8	34.6	1.02	0.048	713 / 378	800 / 427	897 / 481	0.00
01/13/15	01/26/15	11y	DRAIN PLUG	432 / 222	13.6	36.6	0.86	0.042	716 / 380	807 / 430	911 / 488	0.00
01/13/14	01/23/14	10y	STERLCO	446 / 230	15.7	37.0	1.09	0.308	714 / 379	811 / 433	905 / 485	1.42
01/30/13	01/31/13	9y	DRAIN PLUG	421 / 216	42.3	37.2	1.00	0.043	719 / 382	814 / 434	913 / 490	1.29
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	87	1	
08/15/17	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	89	1
05/31/16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	0
01/13/15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0
01/13/14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	0
01/30/13	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	76	1
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.