

[Kings Cupboard] B80 GROEN

Customer: PTRHTF10078

WEST FORK CREATIONS
15 PEPSI DRIVE
RED LODGE, MT 59068 US
Attn: Becky Rietz
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E-Mail: foodsafety@kingscupboard.com

System Information

System Volume: 25 gal
Bulk Operating Temp: 450F / 232C
Heating Source:
Blanket:
Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID
Make: STERLCO

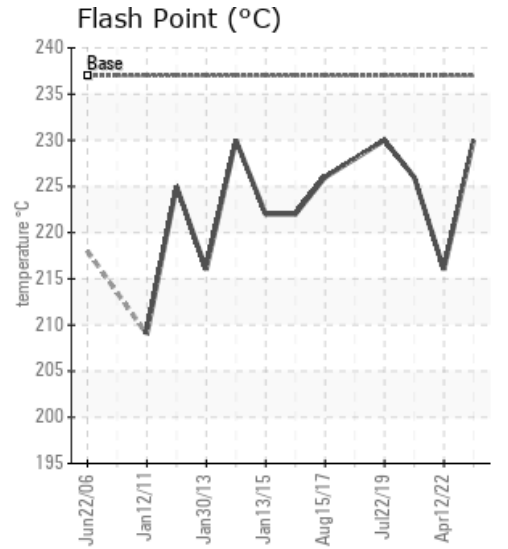
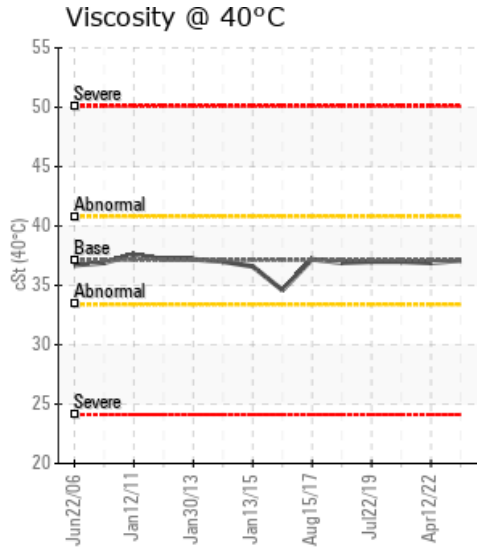
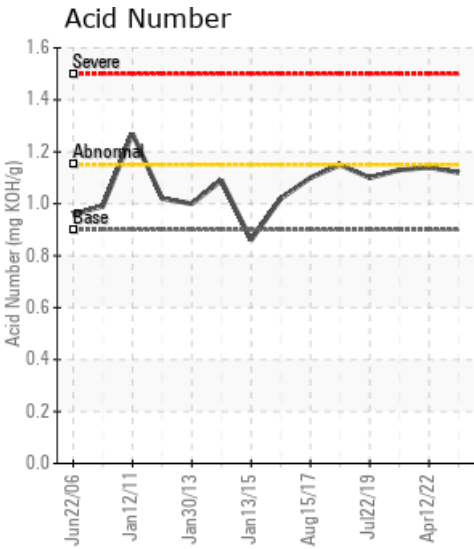
Sample Information

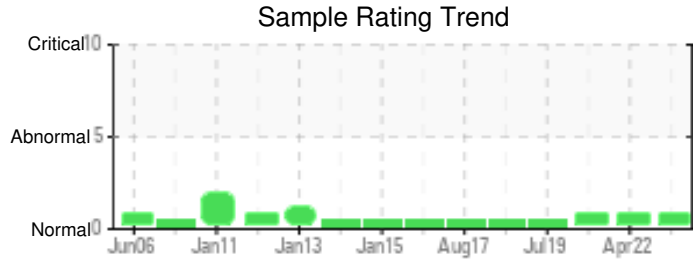
Lab No: 02639036
Analyst: Ron LeBlanc
Sample Date: 05/20/24
Received Date: 05/30/24
Completed: 06/04/24
Ron LeBlanc
Ronald.LeBlancSr@HFSinclair.com

Recommendation: Sample is acceptable. Re-sample in 6 months.

Comments: (GCD) 90% Distillation Point is marginally high.

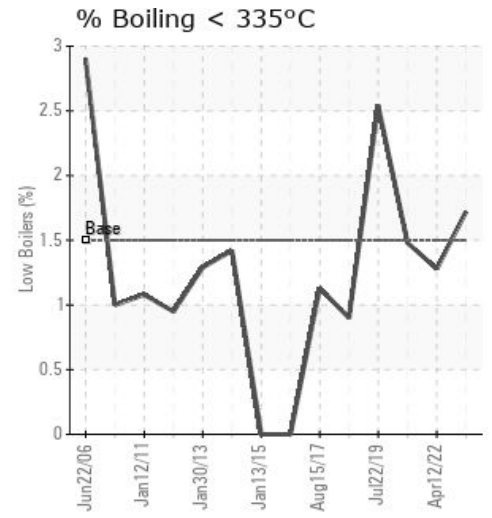
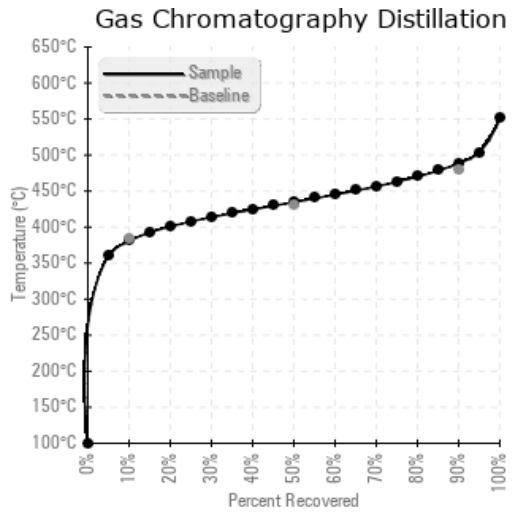
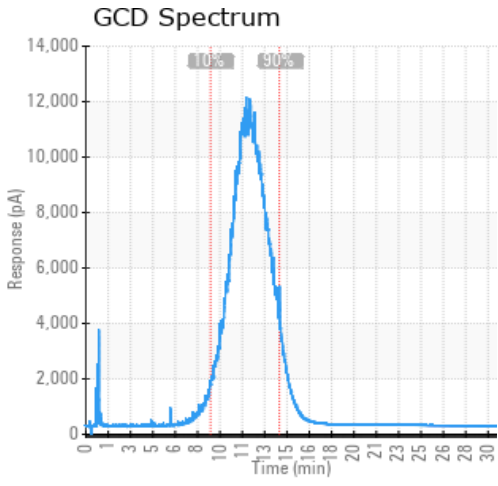
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
05/20/24	05/30/24	0.0y	bottom from drain	446 / 230	17	37.1	1.12	0.044	717 / 381	814 / 435	911 / 489	1.72
04/12/22	08/03/22	1.0y	drain plug	421 / 216	20.0	36.9	1.14	0.176	724 / 384	817 / 436	911 / 489	1.28
10/29/20	11/11/20	0.0y	Drain	439 / 226	18.5	37.0	1.13	0.064	721 / 383	816 / 436	911 / 488	1.48
07/22/19	08/01/19	0.0y	DRAIN PLUG	446 / 230	10.9	37.0	1.10	0.048	701 / 372	802 / 428	902 / 484	2.54
06/28/18	07/23/18	5.0y	OIL DRAIN	442 / 228	10.3	36.9	1.15	0.034	717 / 380	811 / 433	908 / 487	0.90
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
05/20/24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0
04/12/22	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	88	0
10/29/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0
07/22/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	0
06/28/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0
Baseline Data			0	0						0			0	0				0	0				230	

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



Historical Comments

04/12/22	Resample at normal interval. (GCD) 90% Distillation Point is marginally high.
10/29/20	Sample appears normal. (GCD) 90% distillation point is slightly high. Re-Sample in 3 months. (GCD) 90% Distillation Point is marginally high.
07/22/19	Sample appears normal. Re-sample in normal cycle.
06/28/18	Sample appears normal. Continue current sample interval.

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