

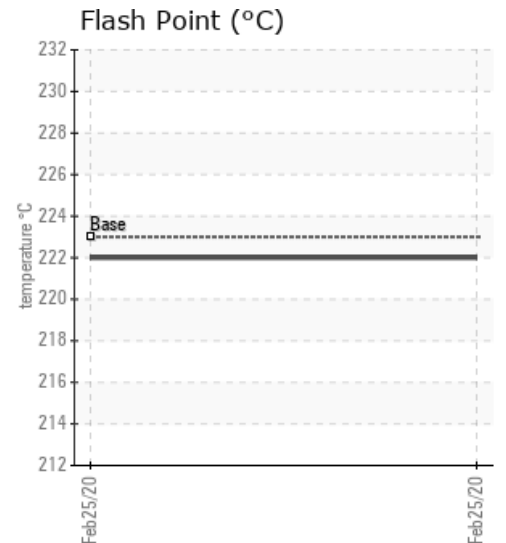
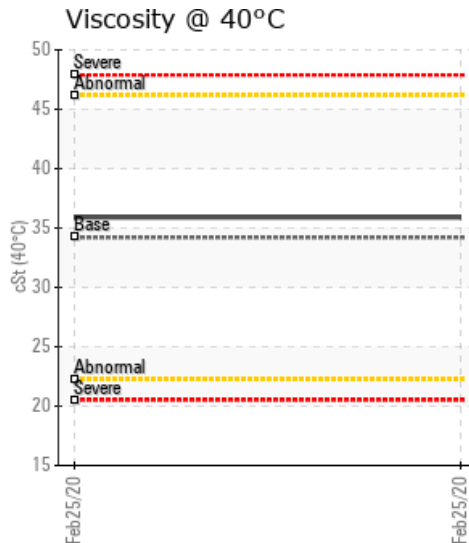
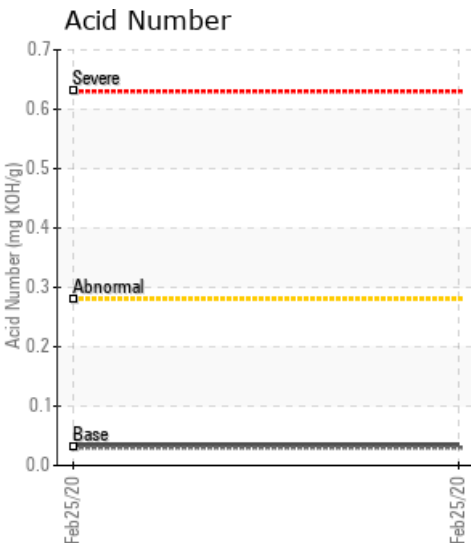
[LSD / 1-14-85-13W6] CNRL FLORAL GAS PLANT

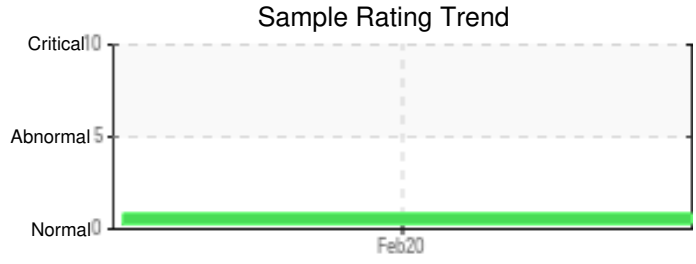
Customer: PTRHTF20237	System Information	Sample Information
CNRL Floral Gas Plant 10924-92 Ave Box 1179 FAIRVIEW, AB T0H 1L0 Canada Attn: Marcel Landry Tel: (780)518-3777 E-Mail: marcel.landry@cnrl.com	System Volume: 0 gal Bulk Operating Temp: 388F / 198C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make:	Lab No: 02340795 Analyst: Clinton Buhler Sample Date: 02/25/20 Received Date: 03/02/20 Completed: 03/06/20 Clinton Buhler Clinton.Buhler@PetroCanadaLSP.com

Recommendation: Sample results indicate that the heat transfer fluid is suitable for continued service and appears to be in good condition. (GCD) 10% Distillation Point is marginally high but does not impact the overall health of the fluid.

Comments:

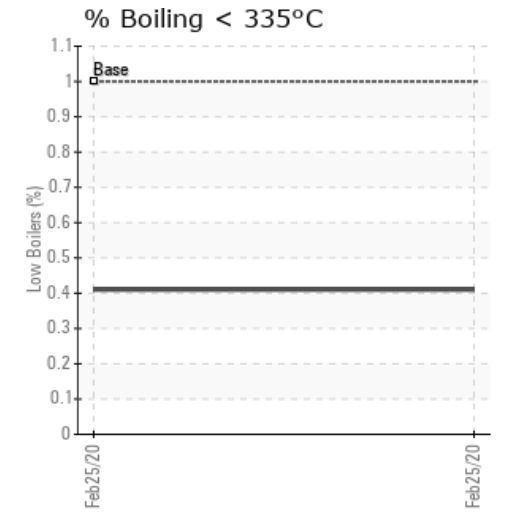
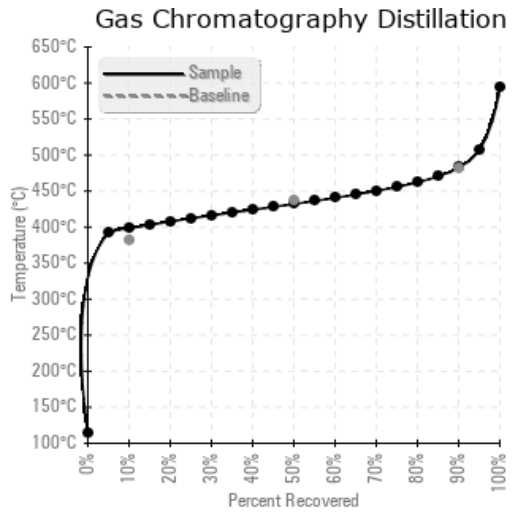
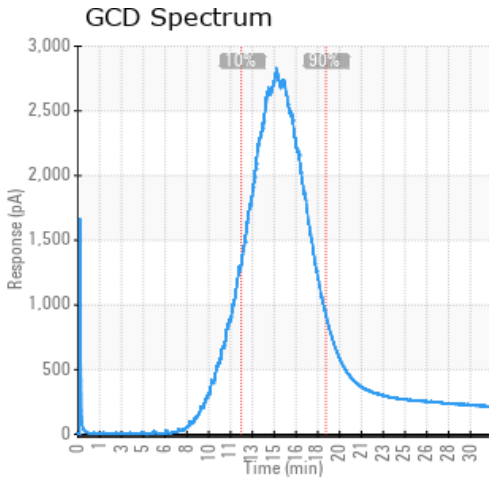
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
02/25/20	03/02/20	10y	PUMP DISCHARGE	432 / 222	2.2	35.9	0.035	0.163	748 / 398	810 / 432	900 / 482	0.41
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00





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
02/25/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baseline Data			0	0						0			0	0					0				0	

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



Historical Comments

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