



DESODORISATION

Customer: PTRHTF40133	System Information	Sample Information
S.A. CORMAN RUE DE LA GILEPPE 4 GOE- LIMBOURG LIEGE, 4834 Belgium Attn: Guy-Dominique Chanteux Tel: 087342262 E-Mail:	System Volume: 1800 ltr Bulk Operating Temp: 482F / 250C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO FG Make: L.M.C.	Lab No: 02348704 Analyst: Philip Riley Sample Date: 03/26/20 Received Date: 04/14/20 Completed: 04/26/20 Philip Riley philip.riley@petrocanadalsp.com

Recommendation: Some borderline results issued based mainly on water in the system which is likely linked to the iron content also. They should check the source of the water as if it is from the process, and there is a slight leak to the HT system, it will only worsen over time. Investigate potential for desorbtion filtration to perhaps remove the water. Some slight variation from sepc in GCD Distillation and some evidence on the curve of fluid breakdown. Please try to remove the water and re-sample in 6 months

Comments: Iron ppm levels are abnormal. Water contamination levels are marginally high. Water contamination levels are marginally high. ppm Water contamination levels are marginally high. (GCD) % < 335°C is marginally high. (GCD) 10% Distillation Point is marginally low.

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	%
03/26/20	04/14/20	20y	PUMP SUCTION	410 / 210	544.8	27.5	0.68	0.117	662 / 350	811 / 433	915 / 491	7.54
Baseline Data				414 / 212		35.6	.88		720 / 382		928 / 498	0.80



