



## HEAT PLATE LINE 14

Customer: PTRHTF10209	System Information	Sample Information
CRUS OIL 2260 S WEST TEMPLE SALT LAKE CITY, UT 84115 USA Attn: BRIAN RODERICK Tel: (801)466-8783 E-Mail: BRIANRODERICK@CRUSOIL.COM	System Volume: 30 gal Bulk Operating Temp: 212F / 100C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO HTF Make: CYQNET	Lab No: 02254925 Analyst: Matthew Hoeffner Sample Date: 10/17/18 Received Date: 12/03/18 Completed: 12/17/18

### Recommendation:

Comments: Water contamination levels are severely high. Water contamination levels are severely high.. ppm Water contamination levels are severely high. Please verify that lines are appropriately flushed before pulling a sample to ensure it's representative of the system.

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	%
10/17/18	12/03/18	0y		442 / 228	7310	35.3	0.129	0.065	717 / 380	809 / 432	911 / 488	2.10
Baseline Data				448 / 231		35.20	.1		712 / 378	810 / 432	910 / 488	1.75



