



## PUMP

Customer: PTRHTF10039	System Information	Sample Information
Piedmont Chemical Industries 331 BURTON AVE. HIGH POINT, NC 27261 USA Attn: GEORGE WETTE Tel: (336)885-5131 E-Mail:	System Volume: 250 gal Bulk Operating Temp: 554F / 290C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make: GAUMER PROCESS	Lab No: 02274293 Analyst: Manny Garcia Sample Date: 03/11/19 Received Date: 03/20/19 Completed: 03/26/19

Recommendation: Fluid appears to be safe to continue use in the 250 gallon system. Re-sample in March 2020

Comments: Pentane Insolubles levels are severely high. Filtration down to 5 microns during an outage `may` reduce this number. Fluid has dropped in viscosity from 32.3 CsT to 26.8 CsT for no apparent reason as the fluid appears to be fairly new at 20 hours of use.

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	%
03/11/19	03/20/19	20h		435 / 224	35.3	26.8	0.01	1.00	684 / 362	783 / 417	880 / 471	2.77
Baseline Data				435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5



