



## [DRAIN ON TANK] HE-101

Customer: PTRHTF10177	System Information	Sample Information
Materia Inc 7629 State Hwy 75 South Huntsville, TX 77340 USA Attn: Kenny Nelson Tel: (936)295-4040 E-Mail: knelson@materia-inc.com	System Volume: 0 gal Bulk Operating Temp: 302F / 150C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make:	Lab No: 02220695 Analyst: Frank Hayes Sample Date: 05/21/18 Received Date: 06/06/18 Completed: 07/23/18 To discuss this report contact Frank Hayes at (713)981-6464

Recommendation: Total Acid Number is high without any other properties supporting a symptom with the fluid. Look for possible system contamination, change fluid, and resample in 6 months.

Comments: Acid Number (AN) is severely high. (GCD) 10% 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	%
05/21/18	06/06/18	0m		446 / 230	7.6	33.1	1.04	0.074	727 / 386	794 / 423	892 / 478	0.00
Baseline Data				435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5



