



[BONAVISTA ENERGY / LSD:5-29-55-19W5] HOT OIL BURNER

Customer: PTRHTF20039	System Information	Sample Information
BRENNTAG CANADA INC 3124-54TH AVENUE SE CALGARY, AB T2A 0A8 CANADA Attn: Toader Georgiana Tel: E-Mail: gtoader@brenntag.ca	System Volume: 2000 ltr Bulk Operating Temp: 329F / 165C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: PETRO-TECH	Lab No: 02243234 Analyst: Peter Hartevelde Sample Date: 09/27/18 Received Date: 10/04/18 Completed: 10/18/18 To discuss this report contact Peter Hartevelde at (780)967-4234

Recommendation: The fluid is in good condition and suitable for further use. The 90% GCD temperature is low. This is not an issue for fluid/system performance at this time and may be caused by nitrogen ingress if N2 blanket gas pressure is higher than 2-3 psig. Please vent off to atmosphere and re-sample in 12 months.

Comments: (GCD) 90% Distillation Point is abnormally 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	%
09/27/18	10/04/18	7y		432 / 222	262.6	32.5	0.063	0.072	718 / 381	791 / 422	869 / 465	0.00
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00



