



SAMPLE PORT ON FILTER

Customer: PTRHTF30115	System Information	Sample Information
BI-AX INTERNATIONAL INC 596 CEDAR AVE WINGHAM, ON N0G 2W0 Canada Attn: Tom Inglis Tel: (519)357-1818 E-Mail: tinglis@biaxinc.com	System Volume: 600 ltr Bulk Operating Temp: 248F / 120C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make:	Lab No: 02256159 Analyst: Lynn Billings Sample Date: 12/05/18 Received Date: 12/07/18 Completed: 12/11/18

Recommendation: Try and run the system around 95°C to drive off the water while venting through the expansion tank. Don't want to go any higher in temp as you can create cavitation in the pumps due to steam formation.

Comments: Water contamination levels are severely high. ppm Water contamination levels are severely 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	%
12/05/18	12/07/18	8m		444 / 229	1883.7	32.2	0.01	0.073	697 / 370	796 / 424	902 / 483	1.38
Baseline Data				435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5



