



PRIMARY PUMP BOILER LOOP

Customer: PTRHTF20102	System Information	Sample Information
SAVONA SPECIALTY PLYWOOD 7273 KAMLOOPS LAKE DRIVE SAVONA, BC V0K 2J0 CANADA Attn: Mike Reid Tel: (250)373-5660 E-Mail: mikereid@apgroup.ca	System Volume: 1400 gal Bulk Operating Temp: 932F / 500C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make:	Lab No: 02245583 Analyst: Rob Spiller Sample Date: 10/09/18 Received Date: 10/17/18 Completed: 10/18/18 To discuss this report contact Rob Spiller at (250)362-7638

Recommendation: Fluid looks in good condition overall. There is a larger than expected amount of pentane insolubles. These solid deposits may have been left in areas of the system when the boiler work was done, approximately 2 yrs ago. Recommend to continue sampling every 6-12 months to monitor fluid condition, and to track if solid content is increasing. Also recommend discussing options for filtration of solids in the system.

Comments: Pentane Insolubles 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	%
10/09/18	10/17/18	0y		428 / 220	10.0	39.1	0.236	0.691	727 / 386	812 / 433	907 / 486	0.00
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00



