



## LOUISIANA PACIFIC FORT ST. JOHN

Customer: PTRHTF20195	System Information	Sample Information
LOUISIANA-PACIFIC CANADA LTD. 8220 250 ROAD RR 1 SITE 13 COMP 14 FORT ST. JOHN, BC V1J 4M6 Canada Attn: Service Manager Tel: E-Mail:	System Volume: 3000000 ltr Bulk Operating Temp: 518F / 270C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: GTS	Lab No: 02207997 Analyst: Clinton Buhler Sample Date: 03/23/18 Received Date: 04/03/18 Completed: 04/25/18 To discuss this report contact Clinton Buhler at 780-516-9920

Recommendation: Sample results indicate that the thermal fluid is suitable for continued service. Slightly lower 10% and 50% distillation points can be an early indicator of thermal degradation. As a good maintenance practice, consider periodic venting of the expansion tank to allow release of any low boiling vapors. Ensure blanket gas is re-applied after venting. Re-sample in 12 months.

Comments:

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	%
03/23/18	04/03/18	0h		414 / 212	39.8	35.5	0.01	0.026	700 / 371	786 / 419	898 / 481	0.00
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00



