



[PEYTO EXP / 9-34-53-20W5] PLANT 3

Customer: PTRHTF20124	System Information	Sample Information
PEYTO EXPLORATION 11-17-55-21W5 BOX 7198 EDSON, AB T7E 1V4 Canada Attn: Cory Pambrub Tel: (780)712-0217 E-Mail: cpambrun@peyto.com	System Volume: 2500 ltr Bulk Operating Temp: 356F / 180C Heating Source: Blanket: Fluid: HEAT TRANSFER FLUID ISO 32 Make: ALCO	Lab No: 02236637 Analyst: Peter Hartevelde Sample Date: 08/24/18 Received Date: 08/29/18 Completed: 09/02/18 To discuss this report contact Peter Hartevelde at (780)967-4234

Recommendation: Without knowing the brand name of the fluid it is difficult to comment on the condition of the fluid because the reference data is limited. The fluid is in a good condition when using Petro-Therm as the reference. It is suitable for further use. 90% GCD temperature is low. Please re-sample in 12 months. List the product name on the analysis request form when sending in the next sample.

Comments: (GCD) 90% Distillation Point is severely 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	%
08/24/18	08/29/18	5y	SITE GLASS	453 / 234	55.7	35.1	0.015	0.082	727 / 386	790 / 421	863 / 462	0.00
Baseline Data				410 / 210		32	0.41		707 / 375	802 / 428	910 / 488	1.5



