



[14-36-57-23W5] H1008

Customer: PTRHTF20103	System Information	Sample Information
CNRL P.O. BOX 6808 EDSON, AB T7E 1L5 Canada Attn: Todd Andrews Tel: (780)740-3927 E-Mail: todd.andrews@cnrl.com	System Volume: 15000 ltr Bulk Operating Temp: 410F / 210C Heating Source: Blanket: Fluid: CHEVRON HEAT TRANSFER OIL 46 Make: ALCO	Lab No: 02412026 Analyst: Clinton Buhler Sample Date: 03/18/21 Received Date: 03/29/21 Completed: 04/01/21 Clinton Buhler Clinton.Buhler@hollyfrontier.com

Recommendation: Sample results indicate that the fluid is in suitable condition for continued service. Please re-sample in 6 months to help establish a trend

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	%
03/18/21	03/29/21	6.0y	downstream of pump	468 / 242	14.3	42.7	0.12	0.094	737 / 392	812 / 433	921 / 494	0.45
Baseline Data				464 / 240		41.1			727 / 386	828 / 442	932 / 500	1.4



