



## [14-36-57-23W5] H550

Customer: PTRHTF20103	System Information	Sample Information
CNRL P.O. BOX 6808 EDSON, AB T7E 1L5 Canada Attn: Rodney Marcichiw Tel: (780)517-3542 E-Mail: rodney.marcichiw@cnrl.com	System Volume: 15000 ltr Bulk Operating Temp: 410F / 210C Heating Source: Blanket: Fluid: CHEVRON HEAT TRANSFER OIL 46 Make: ALCO	Lab No: 02412027 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	453 / 234	7.6	42.4	0.09	0.155	735 / 391	826 / 441	929 / 499	0.23
Baseline Data				464 / 240		41.1			727 / 386	828 / 442	932 / 500	1.4



