



[NUVISTA RAINBOW LAKE / 03-01-110-08W6] HEAT MEDIUM

Customer: PTRHTF20159	System Information	Sample Information
UNIVAR CANADA LTD 13601 99TH STREET GRANDE PRARIE, AB T8V 7N9 Canada Attn: Jerry Siminick Tel: E-Mail: Jerry.siminick@univarcanada.com	System Volume: 500 ltr Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make:	Lab No: 02187589 Analyst: Clinton Buhler Sample Date: 11/25/17 Received Date: 12/12/17 Completed: 01/03/18 To discuss this report contact Clinton Buhler at 780-516-9920

Recommendation: Sample results indicate that the heat transfer fluid is suitable for further service. For optimal fluid life, ensure that a gas blanket system is in place to reduce any fluid contact with air. Typically 2-3 psi is suffice. 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	%
11/25/17	12/12/17	6m		441 / 227	21.6	35.7	0.089	0.217	724 / 384	811 / 433	904 / 484	0.00
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00



