



KAONA FUTHER 5

Customer: PTRHTF60010	System Information	Sample Information
SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN MUANG SAMUTSAKHON, 74000 THAILAND Attn: CHERNPORN CHOBKUI Tel: 034421290 E-Mail: chernporn@synlube.co.th	System Volume: 4400 ltr Bulk Operating Temp: 545F / 285C Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make:	Lab No: 02227975 Analyst: Yutong Gao Sample Date: 06/23/18 Received Date: 07/13/18 Completed: 08/23/18 To discuss this report contact Yutong Gao at (403)873-1876

Recommendation: The current fluid has normal distillation points, low acid number, low solid contents. However, the low flash point is a concern due to the high bulk oil temperature. Please do the system venting and release the low boiler as soon as possible. Please take one sample in 6 months to monitor the conditions.

Comments: COC Flash 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	%
06/23/18	07/13/18	3y	SUPPLY/RETURN	342 / 172	3.0	25.1	0.32	0.029	683 / 362	774 / 412	885 / 474	1.49
Baseline Data				459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5



