



EIAM E-SAN FURTHER 2

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: 12000 ltr Bulk Operating Temp: 482F / 250C Heating Source: Blanket: Fluid: MONSANTO THERMINOL 55 Make:	Lab No: 02259673 Analyst: Yutong Gao Sample Date: 12/05/18 Received Date: 12/28/18 Completed: 01/03/19

Recommendation: The current fluid has elevated viscosity, acid number and solid contents due to the severe oil oxidation. Especially, the extremely high acid number indicates the fluid needs to be changed. Please plan and schedule the fluid change soon.

Comments: Pentane Insolubles levels are abnormally high. Acid Number (AN) is severely high.

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	%
12/05/18	12/28/18	84m		385 / 196	127.2	24.5	2.47	0.489	639 / 337	703 / 373	785 / 418	7.36
Baseline Data				349 / 176		19.0	0.03		655 / 346		790 / 421	3.40



