

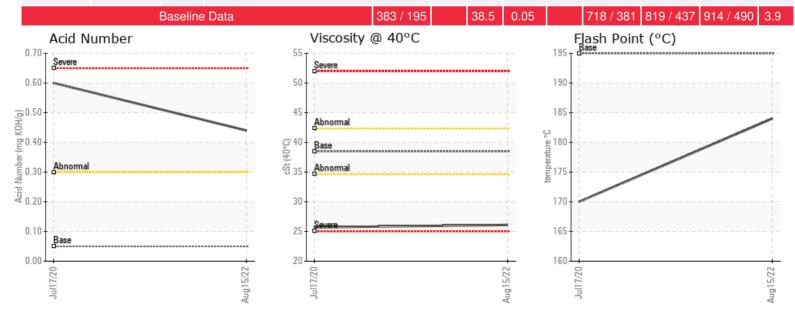
## SAHA FARM CO LTD

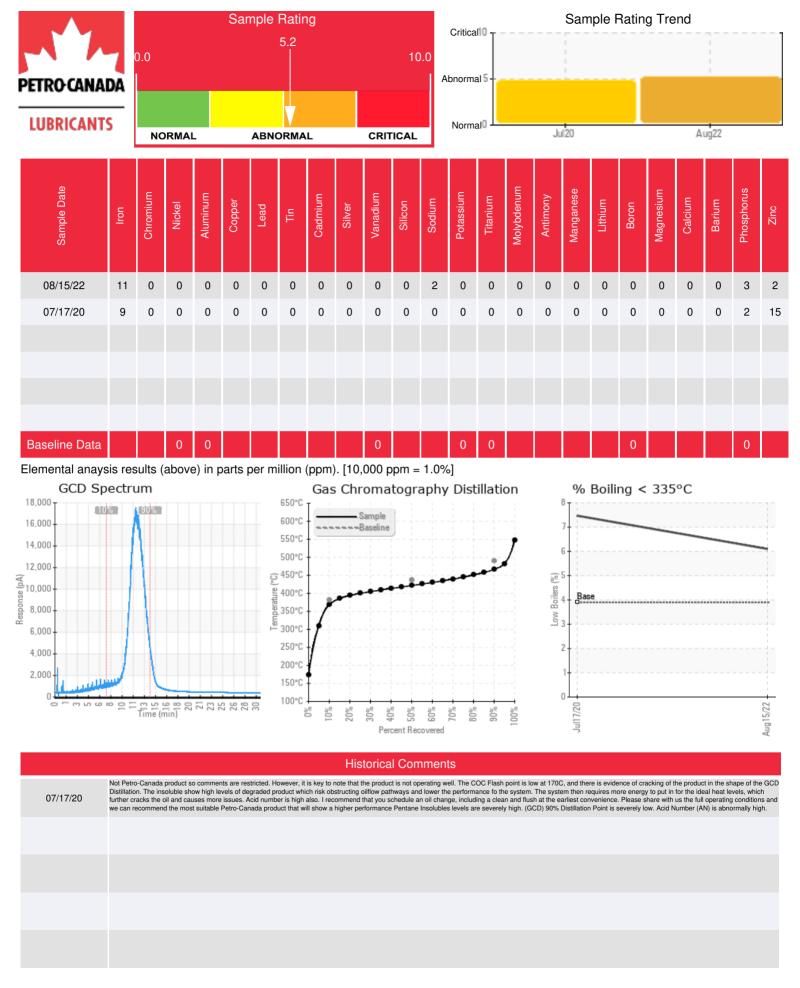
Customer: PTRHTF60010	System Information	Sample Information			
SYNLUBE INTERNATIONAL CO LTD	System Volume: 46000 ltr	Lab No: 02506460			
76/1 MOO.7 THACHIN	Bulk Operating Temp: 545F / 285C	Analyst: Bill Quesnel CLS,OMA II,MLA-			
MUANG SAMUTSAKHON, 74000	Heating Source:	III,LLA-I			
THAILAND	Blanket:	Sample Date: 08/15/22			
Attn: CHERNPORN CHOBKUI	Fluid: SHELL HEAT TRANSFER OIL S2	Received Date: 08/22/22			
Tel: 034421290	Make: BULWARKS	Completed: 08/25/22			
E-Mail: chernporn@synlube.co.th		Bill Quesnel CLS,OMA II,MLA-III,LLA-I			

Recommendation: No significant change in the fluid since the last sample two years ago. There are low boilers showing in the gas chromatogram (SimDis). Recommend venting the fluid in the expansion tank to remove the low boilers and restore the viscosity.

Comments: Pentane Insolubles levels are severely high. (GCD) 90% Distillation Point is severely low. Acid Number (AN) is abnormally 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	%
08/15/22	08/22/22	54.0m	SUPPLY AND RETURN	363 / 184	30.6	26.1	0.44	0.946	695 / 368	791 / 422	872 / 467	6.10
07/17/20	07/23/20	60.0m	SUPPLY AND RETURN	338 / 170	324.7	25.7	0.60	1.06	673 / 356	789 / 421	877 / 470	7.47





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