

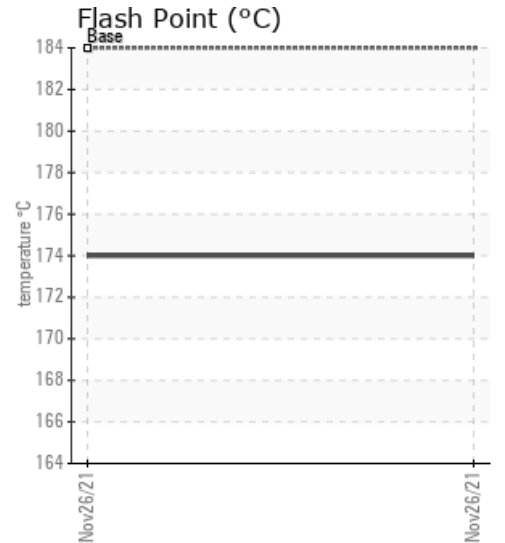
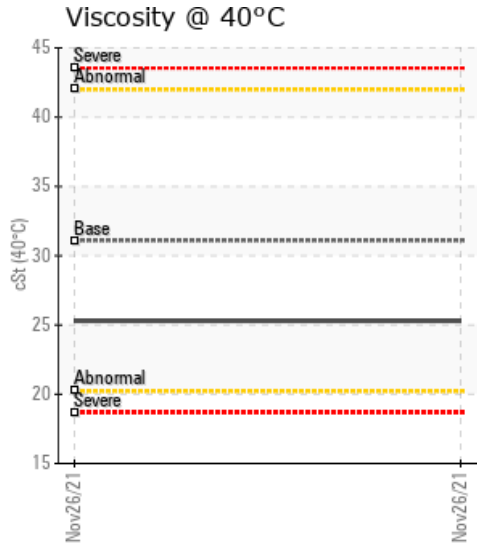
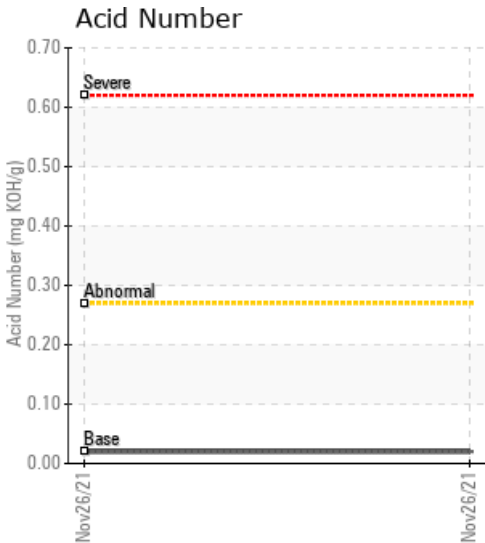
AJPLAST.CO.TH NO. 9

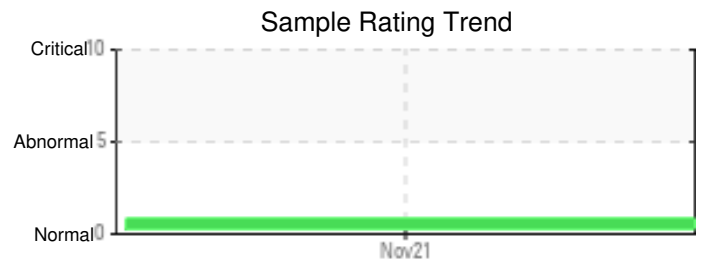
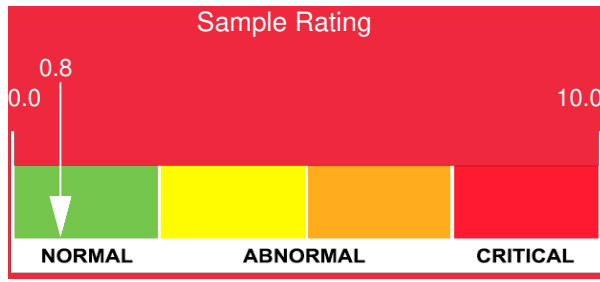
Customer: PTRHTF60010	System Information	Sample Information
SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN MUANG SAMUTSAKHON, 74000 THAILAND Attn: CHERNPORN CHOBKUI Tel: 034421290 E-Mail: chernporn@synlube.co.th	System Volume: 30000 ltr Bulk Operating Temp: 536F / 280C Heating Source: Blanket: Fluid: THERMINOL 66 Make: HOVEL	Lab No: 02463467 Analyst: Philip Riley Sample Date: 11/26/21 Received Date: 12/21/21 Completed: 01/04/22 Philip Riley philip.riley@hollyfrontier.com

Recommendation: Not familiar with the Therminol product to judge. Whilst parameters look OK, the GCD Distillation looks distorted as per cracking of an oil and looks severe. Please investigate this further. Product could be replaced under conditions stated with CALFLO HTF.

Comments: (GCD) 90% Distillation Point is marginally low.

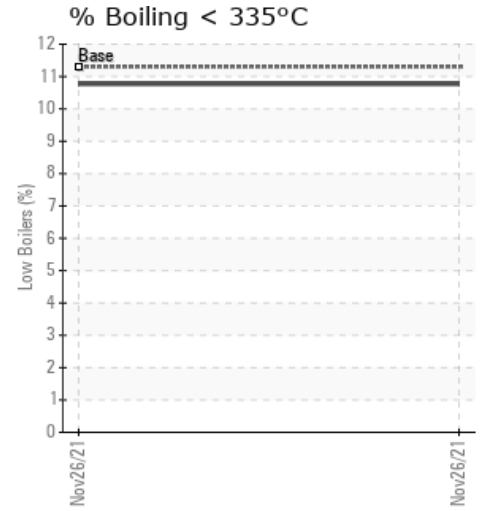
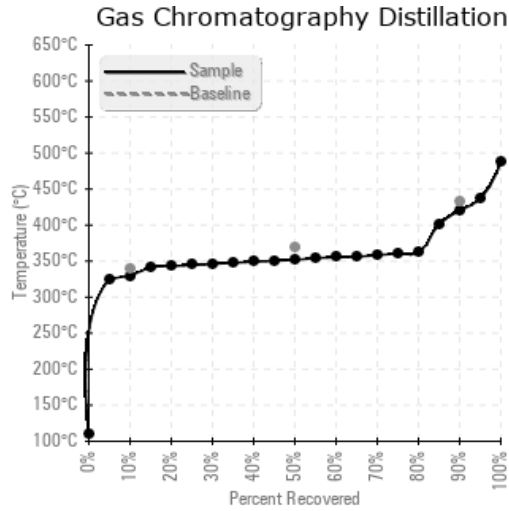
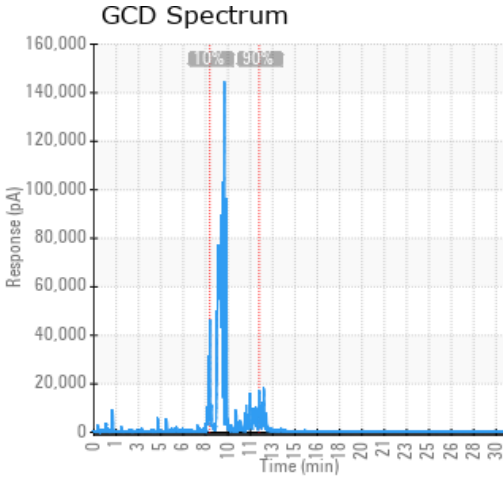
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/26/21	12/21/21	10.0y		345 / 174	219.7	25.3	0.02	0.054	625 / 329	665 / 352	789 / 420	10.77
Baseline Data				363 / 184		31.1	0.02		640 / 338	696 / 369	811 / 433	11.3





Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
11/26/21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baseline Data			0	0						0			0	0					0				0	

Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments

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