

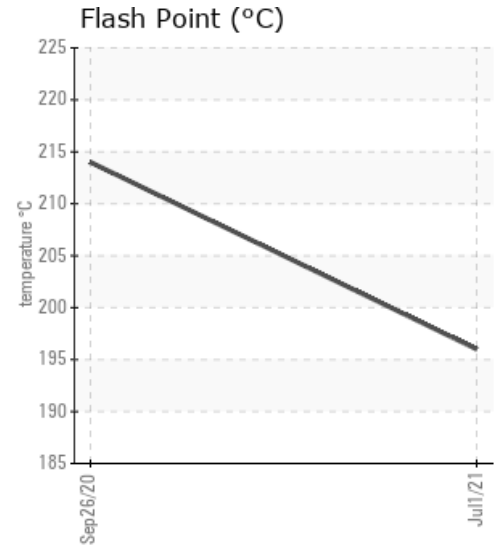
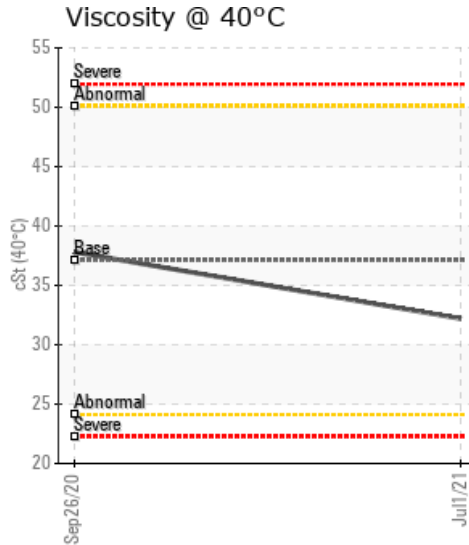
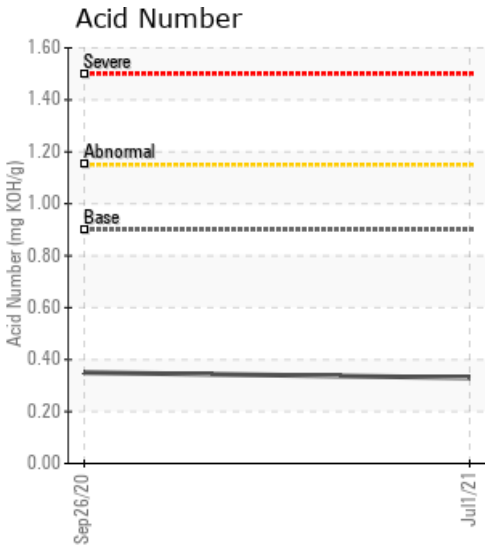
KORAT 1 OVEN 11

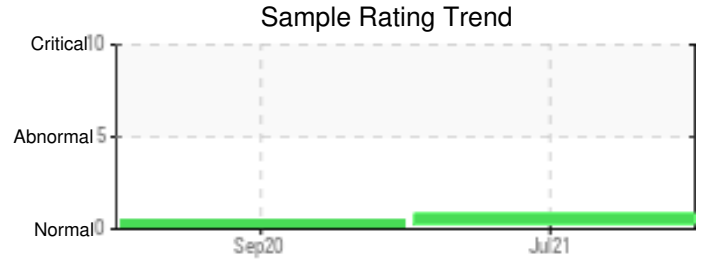
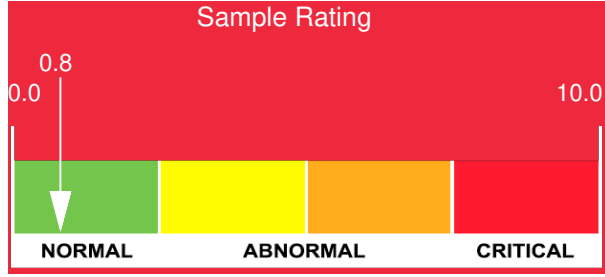
Customer: PTRHTF60010	System Information	Sample Information
SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN MUANG SAMUTSAKHON, 74000 THAILAND Attn: CHERNPORN CHOBKUI Tel: 034421290 E-Mail: chernporn@synlube.co.th	System Volume: 29000 ltr Bulk Operating Temp: 554F / 290C Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make:	Lab No: 02433309 Analyst: Philip Riley Sample Date: 07/01/21 Received Date: 07/16/21 Completed: 07/26/21 Philip Riley philip.riley@hollyfrontier.com

Recommendation: Flash Point (COC) is slightly low but within safe limits. If the system can be safely vented then please do so, try and remove light ends and raise the flash point of the fluid. Please resample at normal frequency

Comments: COC Flash Point is marginally low.

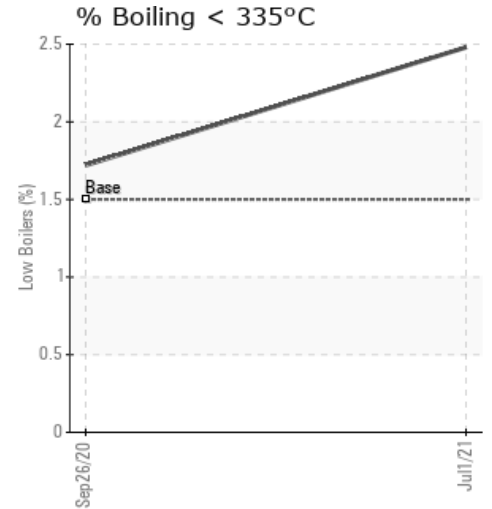
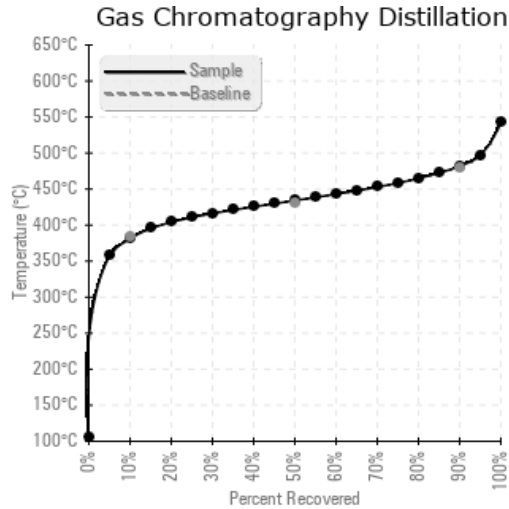
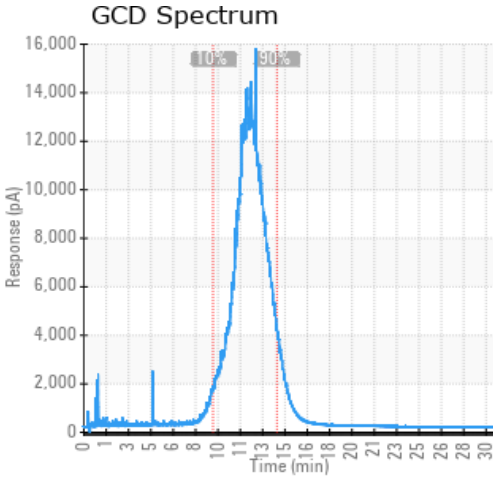
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
07/01/21	07/16/21	0.0m		385 / 196	49.7	32.2	0.33	0.085	718 / 381	814 / 434	899 / 482	2.48
09/26/20	01/25/21	35.0m		417 / 214	26.0	37.8	0.35	0.085	722 / 383	812 / 434	895 / 479	1.72
Baseline Data				459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5





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
07/01/21	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	20	2
09/26/20	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	1
Baseline Data			0	0						0			0	0				0	0				230	

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



Historical Comments

09/26/20	Product in good condition and fit for further use. Please re-sample at normal frequency

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