

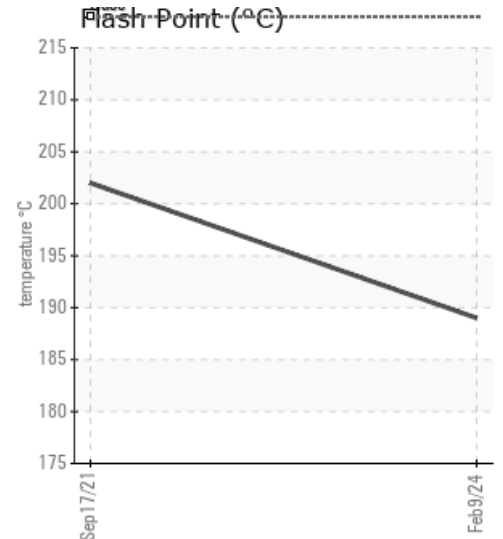
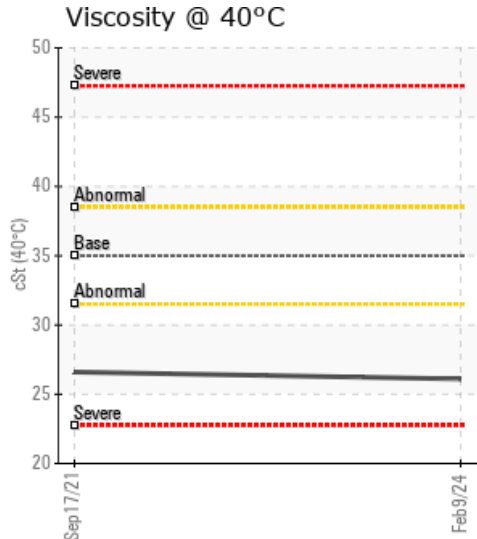
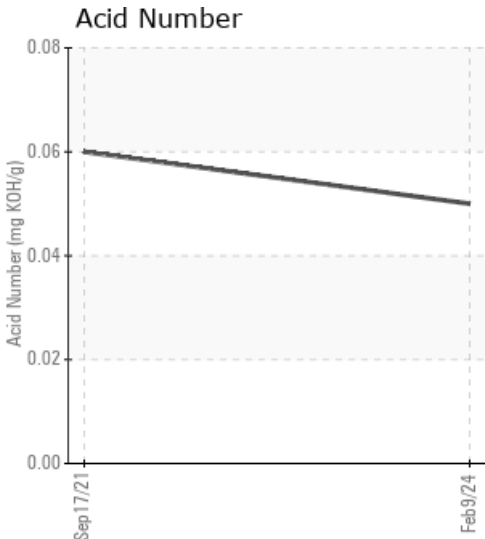
B FOOD No. 3 (THAILAND)

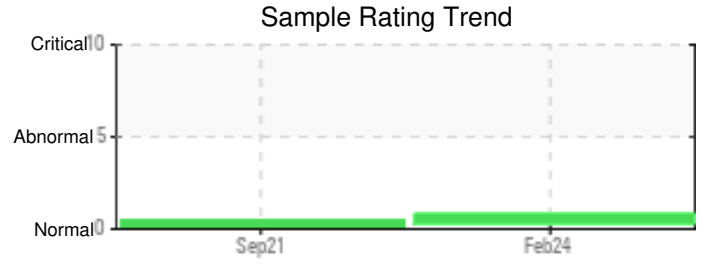
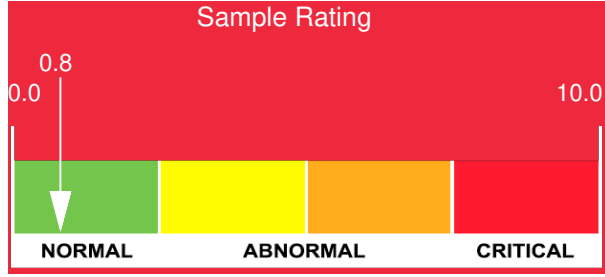
Customer: PTRHTF60010	System Information	Sample Information
SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN MUANG SAMUTSAKHON, 74000 TH Attn: CHERNPORN CHOBKUI Tel: 034421290 E-Mail: chernporn@synlube.co.th	System Volume: 8600 ltr Bulk Operating Temp: 536F / 280C Heating Source: Blanket: Fluid: FUCHS CASSIDA FM HTF 32 Make: HOVEL	Lab No: 02618531 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I Sample Date: 02/09/24 Received Date: 02/27/24 Completed: 03/05/24 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: The fluid is suitable for further service. Resample at the next service interval to monitor.

Comments: (GCD) 90% Distillation Point is abnormally high.

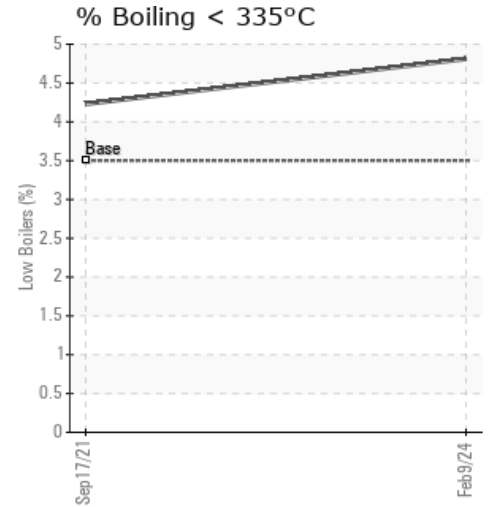
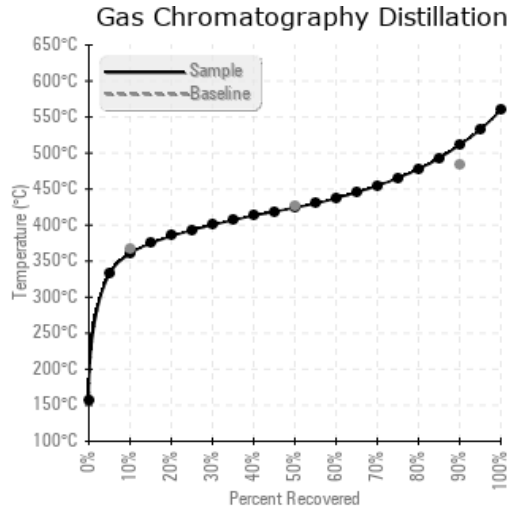
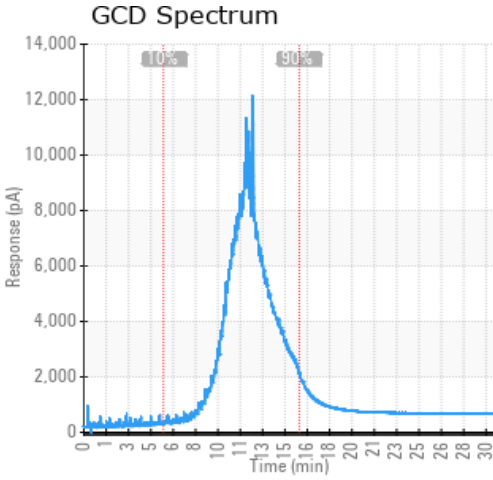
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
02/09/24	02/27/24	6.0y		372 / 189	27	26.1	0.05	0.062	681 / 361	796 / 424	952 / 511	4.81
09/17/21	10/06/21	60.0y		396 / 202	17.7	26.6	0.06	0.083	683 / 362	792 / 422	927 / 497	4.23
Baseline Data				424 / 218		35.0			693 / 367	799 / 426	903 / 484	3.5





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
02/09/24	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
09/17/21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0
Baseline Data			0	0						0			0	0				0	0				0	

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



Historical Comments

09/17/21	Not fully familiar with the competitor product so difficult to precisely recommend. However, one point of note is around compliance. This appears to be used in a food production facility, and the product is not certified for use in such an environment. Requirement would be NSF HT-1 and would recommend use of PURITY FG HTF which is certified to this level

Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.