

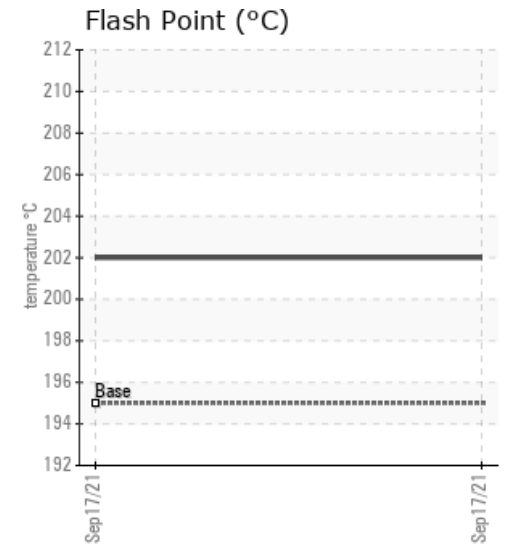
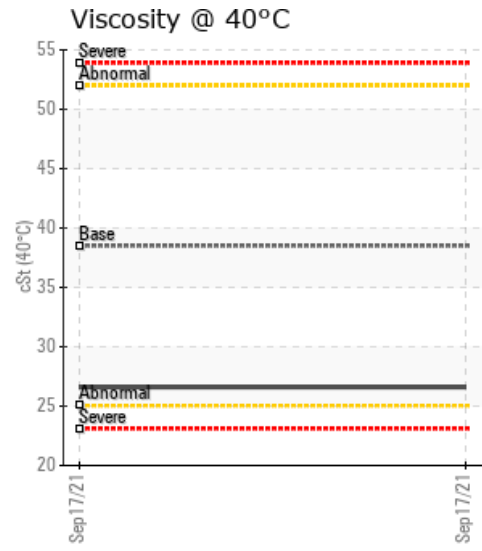
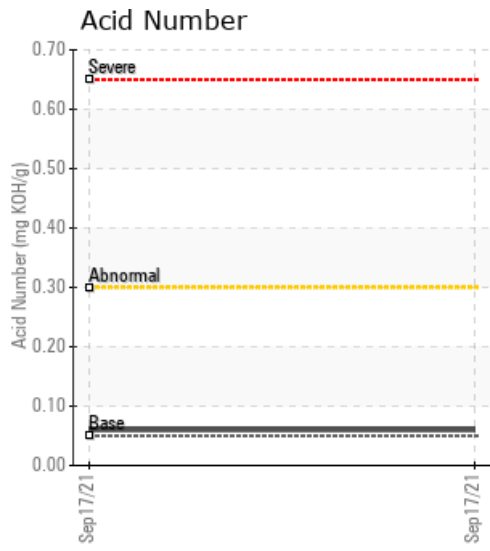
## B FOOD No. 3 (THAILAND)

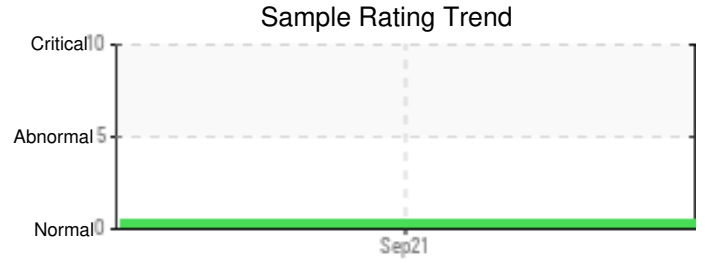
Customer: PTRHTF60010	System Information	Sample Information
SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN MUANG SAMUTSAKHON, 74000 THAILAND Attn: CHERNPORN CHOBKUI Tel: 034421290 E-Mail: chernporn@synlube.co.th	System Volume: 8600 ltr Bulk Operating Temp: 536F / 280C Heating Source: Blanket: Fluid: SHELL HEAT TRANSFER OIL S2 Make: HOVEL	Lab No: 02448604 Analyst: Philip Riley Sample Date: 09/17/21 Received Date: 10/06/21 Completed: 10/27/21 Philip Riley philip.riley@hollyfrontier.com

Recommendation: 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

Comments:

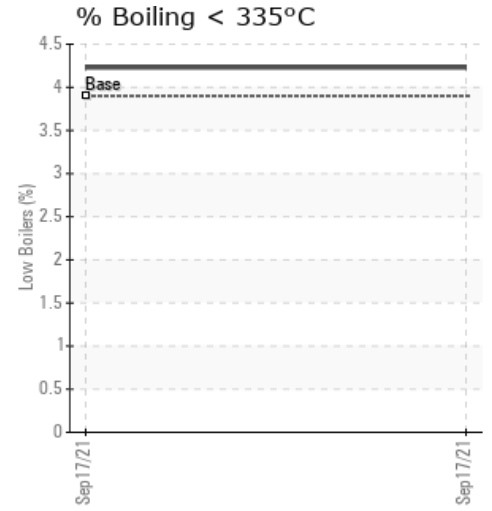
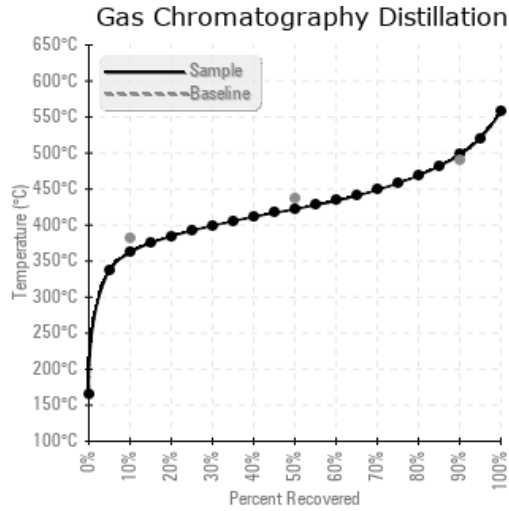
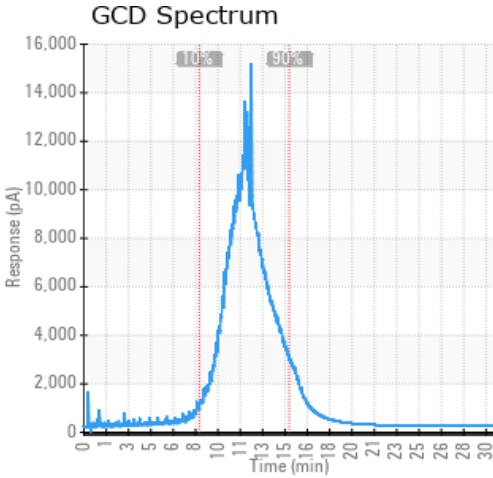
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
09/17/21	10/06/21	60.0y		396 / 202	17.7	26.6	0.06	0.083	683 / 362	792 / 422	927 / 497	4.23
Baseline Data				383 / 195		38.5	0.05		718 / 381	819 / 437	914 / 490	3.9





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	
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	0	11	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


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.