

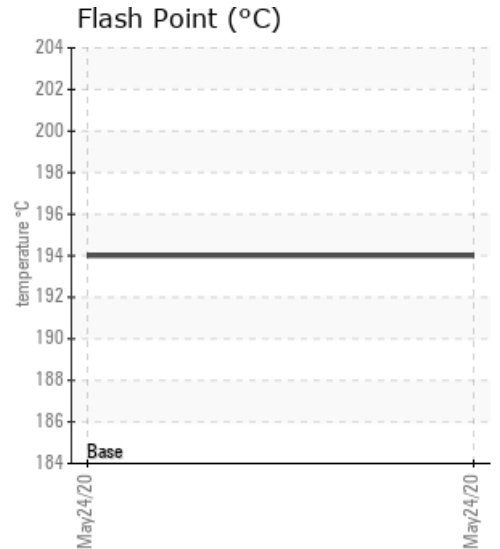
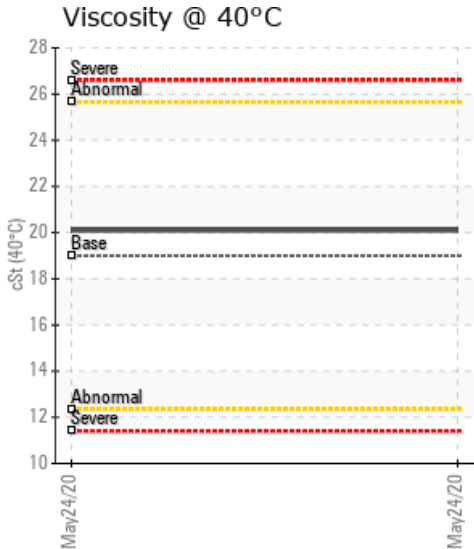
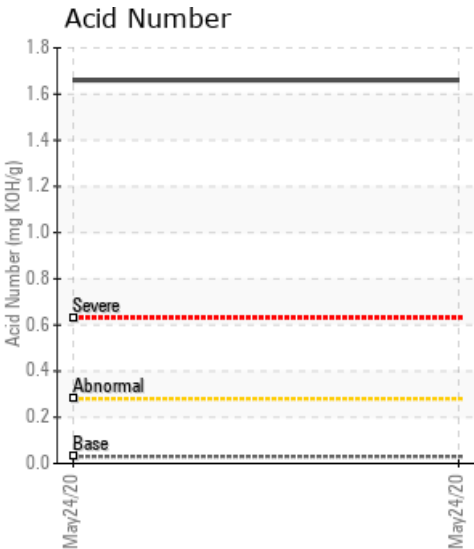
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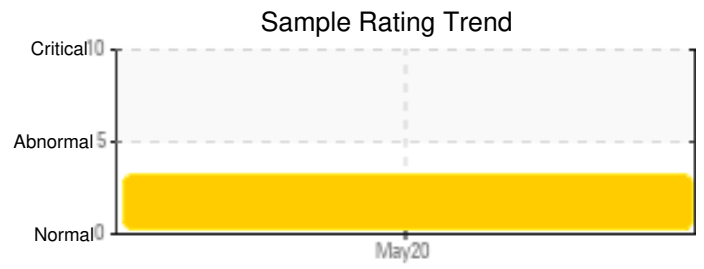
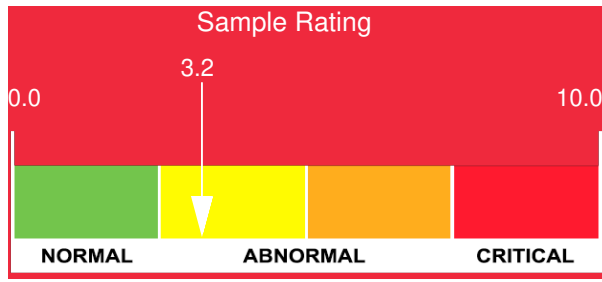
Customer: PTRHTF60010	System Information	Sample Information
SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN MUANG SAMUTSAKHON, 74000 THAILAND Attn: CHERNPORN CHOBKUI Tel: 034421290 E-Mail: chernporn@synlube.co.th	System Volume: 7500 ltr Bulk Operating Temp: 482F / 250C Heating Source: Blanket: Fluid: EASTMAN THERMINOL 55 Make:	Lab No: 02358333 Analyst: Philip Riley Sample Date: 05/24/20 Received Date: 06/08/20 Completed: 06/11/20 Philip Riley philip.riley@petrocanadalsp.com

Recommendation: Not a Petro-Canada Lubricants' Fluid, cannot make a full judgement on the product. What is of major concern is the high level of Acid Number that can lead to degradation of the fluid and promote other degradation leading to short product life and system cleanliness and operational issues

Comments: Acid Number (AN) is severely high.

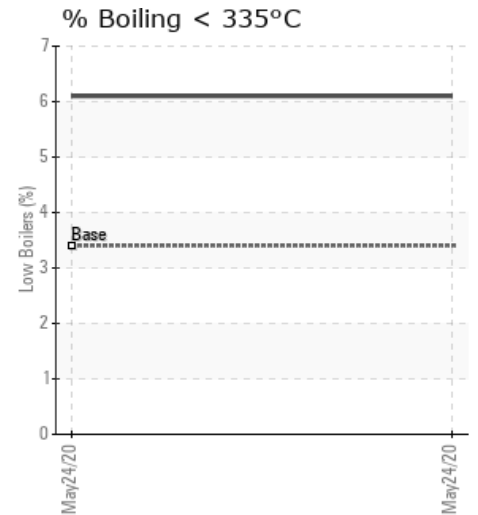
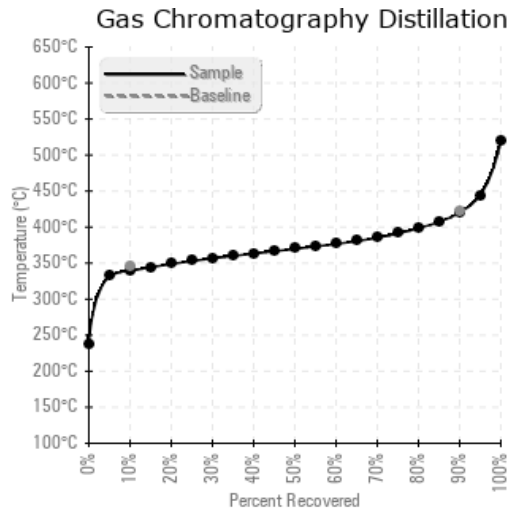
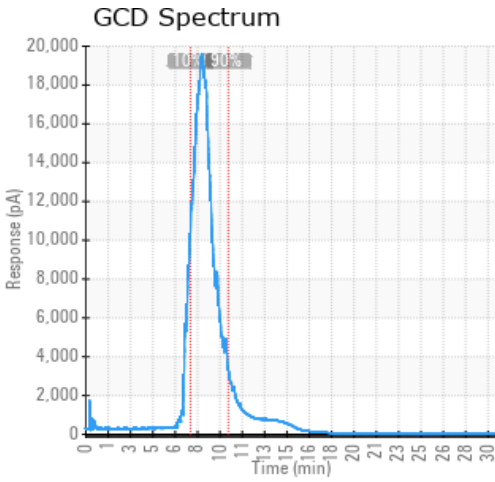
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
05/24/20	06/08/20	10h	SUPPLY	381 / 194	197.4	20.1	1.66	0.279	643 / 339	698 / 370	788 / 420	6.10
Baseline Data				349 / 176		19.0	0.03		655 / 346		790 / 421	3.40





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	
05/24/20	20	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
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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