

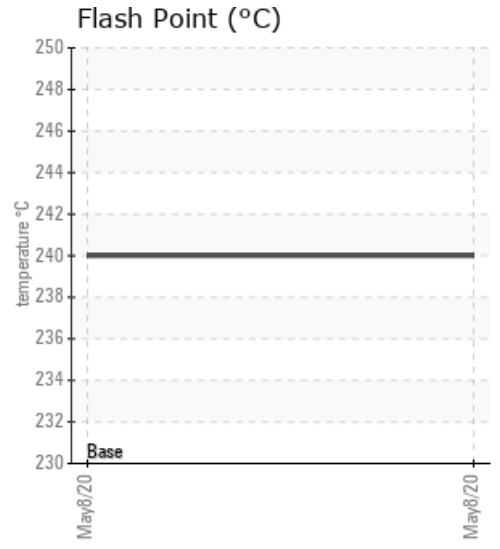
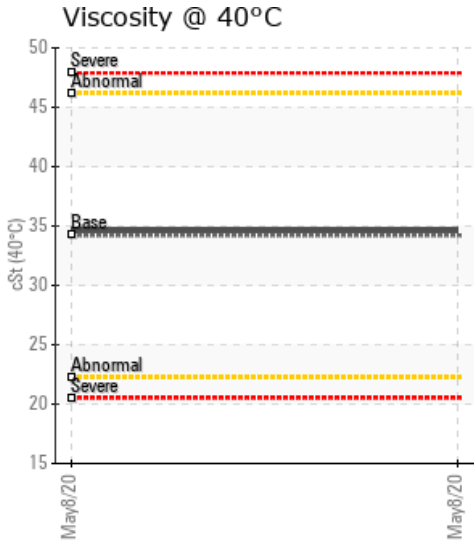
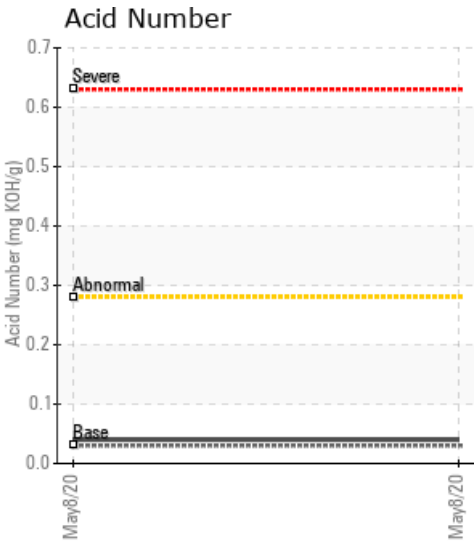
**[WONOWON / C-11-K/94-A-12 / ] CONOCO PHILLIPS**

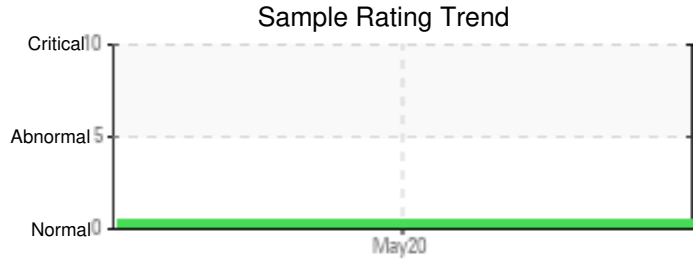
Customer: PTRHTF20178	System Information	Sample Information
Univar Canada 6812 87A Ave Fort St. John, BC V1J 0B4 Canada Attn: Jake Ebner Tel: E-Mail: jake.ebner@univar.com	System Volume: 16000 ltr Bulk Operating Temp: 394F / 201C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: HEATTECH	Lab No: 02354553 Analyst: Clinton Buhler Sample Date: 05/08/20 Received Date: 05/19/20 Completed: 05/22/20 Clinton Buhler Clinton.Buhler@PetroCanadaLSP.com

Recommendation: Sample results indicate that the fluid is in very good condition and suitable for continued service. Please re-sample in 6 months to begin building a trend of fluid condition.

Comments:

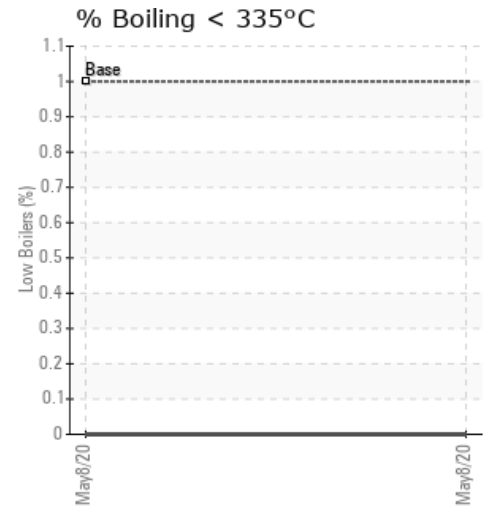
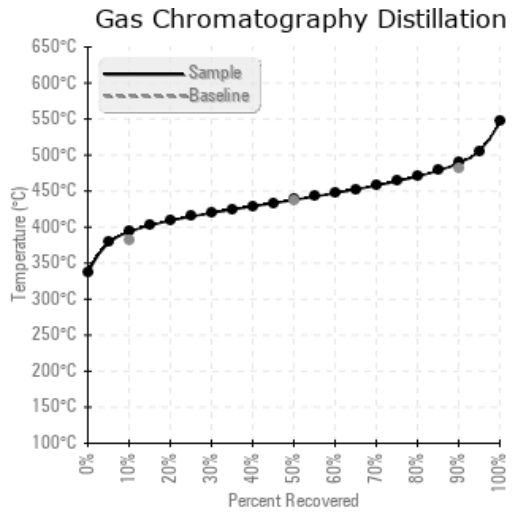
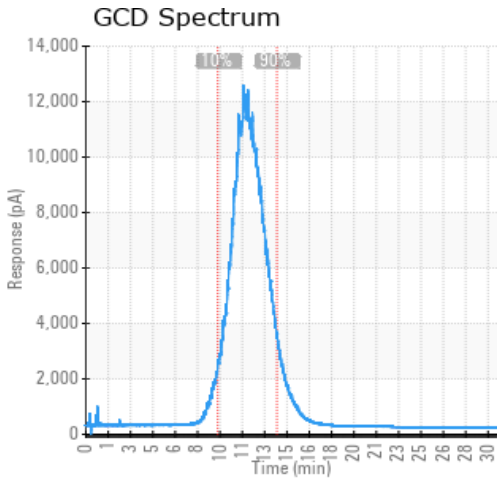
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
05/08/20	05/19/20	9m	PUMP DISCHARGE	464 / 240	10.0	34.6	0.04	0.202	740 / 393	820 / 438	912 / 489	0.00
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00





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
05/08/20	0	0	0	0	0	0	0	0	0	0	1	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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