

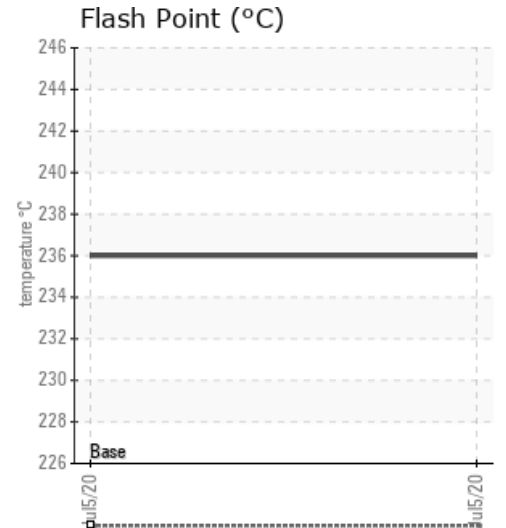
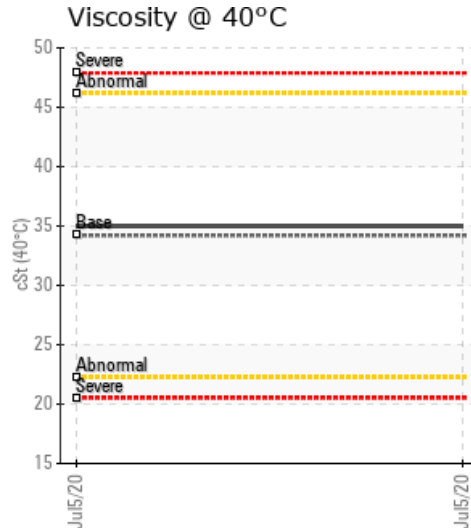
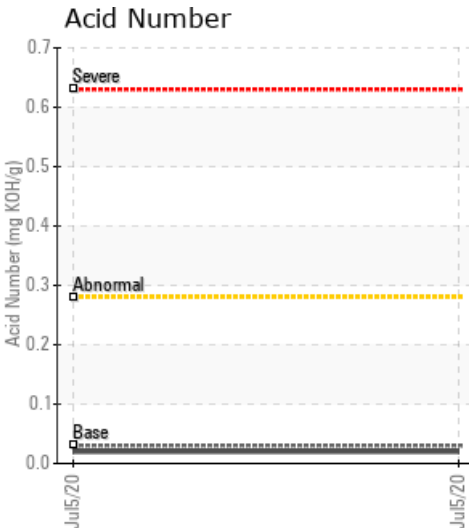
[LSD 4-8-47-9W5] TAQA NORTH

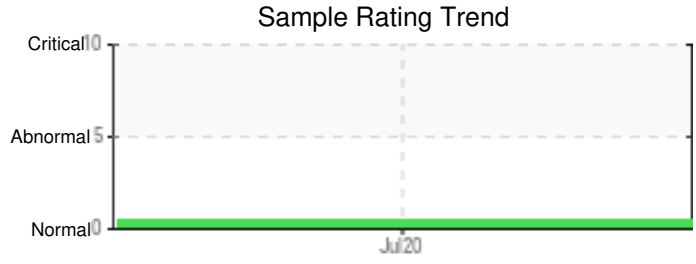
Customer: PTRHTF20239	System Information	Sample Information
TAQA NORTH LTD. 5004 50TH AVE DRAYTON VALLEY, AB T7A 1S4 Canada Attn: David Procychny Tel: (780)202-1253 E-Mail: david.procychny@taqa.ca	System Volume: 5500 ltr Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: HEATECH	Lab No: 02364781 Analyst: Terry Veenstra Sample Date: 07/05/20 Received Date: 07/15/20 Completed: 07/22/20 Terry Veenstra terry.veenstra@petrocanadalsp.com

Recommendation: This oil is in good condition and suitable for continued use. Continue good system maintenance by venting high points on a regular basis.

Comments:

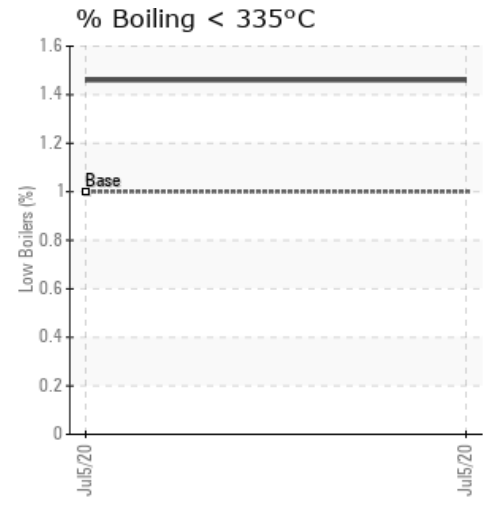
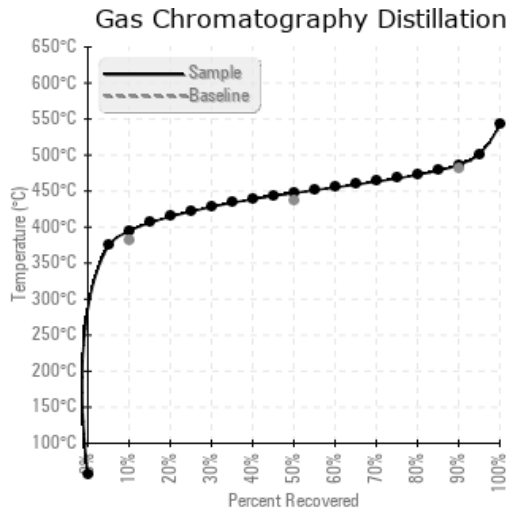
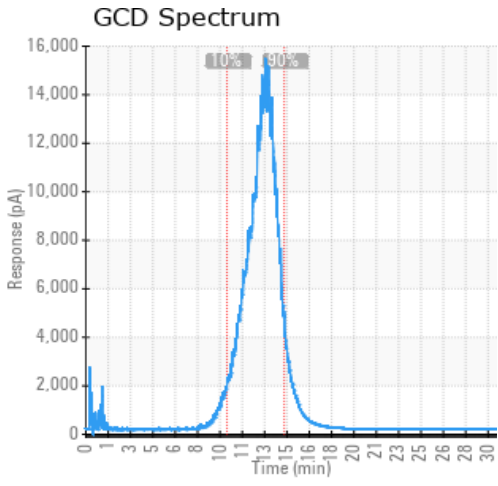
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
07/05/20	07/15/20	1y	RETURN LINE	457 / 236	13.6	35.0	0.02	0.041	742 / 395	837 / 447	907 / 486	1.46
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
07/05/20	0	0	0	0	0	0	0	0	0	0	0	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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