

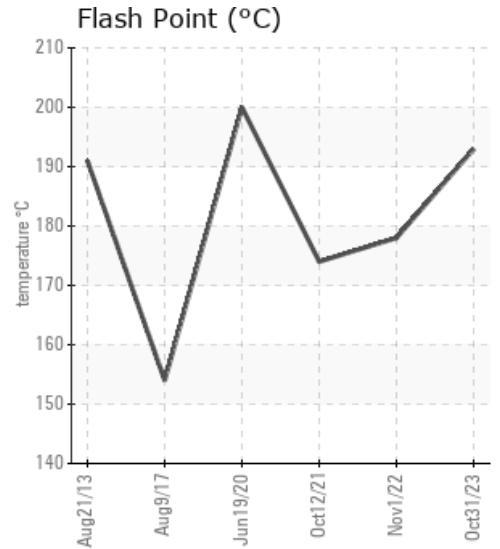
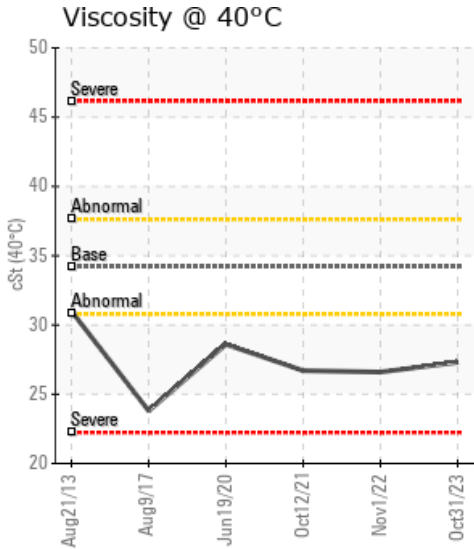
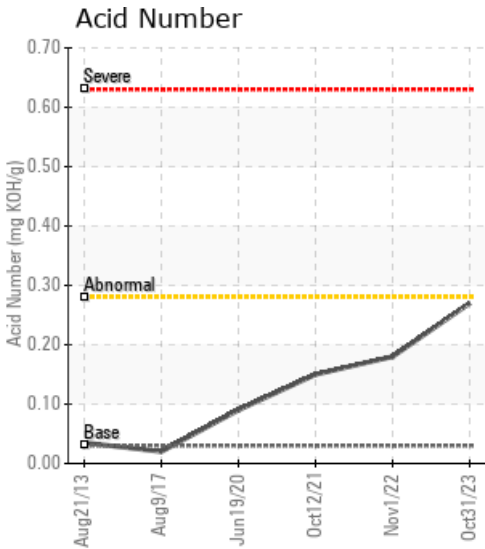
TPC1650LN

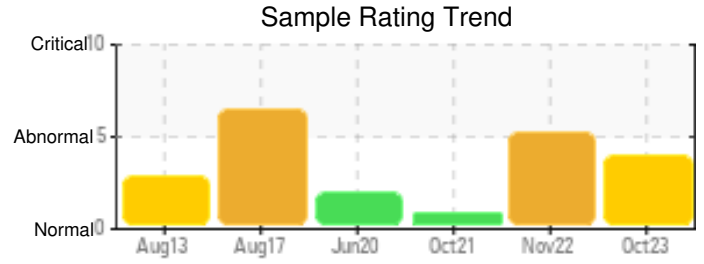
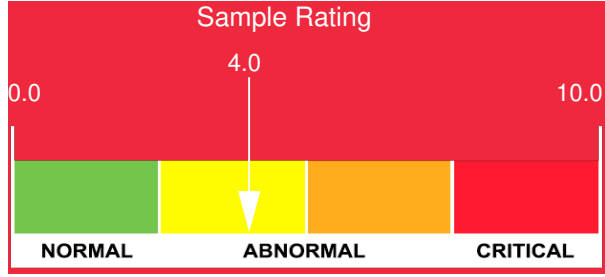
Customer: PTRHTF40055	System Information	Sample Information
SCELTA MUSHROOM BV INDUSTRIEWEG 16 YERSEKE YERSEKE, 4401LB NL Attn: WILBERT SNIJERS Tel: E-Mail: w.snijers@klt.nl	System Volume: 6500 ltr Bulk Operating Temp: 509F / 265C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: WANSON	Lab No: 02594409 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I Sample Date: 10/31/23 Received Date: 11/06/23 Completed: 11/10/23 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: Suggest that you attempt to vent off the low-boilers to increase the flash point. Resample at the next service interval.

Comments: COC Flash Point is abnormally low. (GCD) 10% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high.

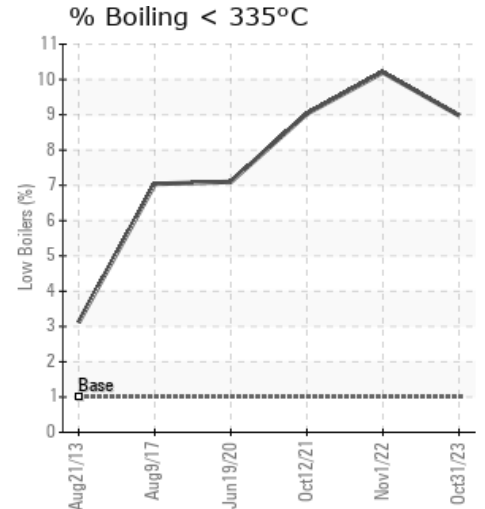
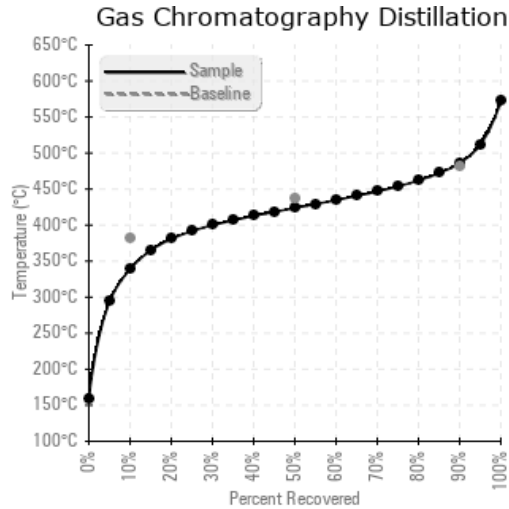
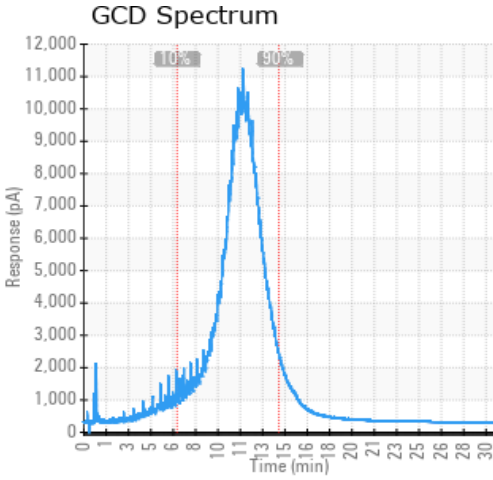
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
10/31/23	11/06/23	10.0y		379 / 193	22.3	27.3	0.27	0.312	642 / 339	795 / 424	907 / 486	8.98
11/01/22	11/07/22	9.0y		352 / 178	18.1	26.6	0.18	0.362	627 / 330	795 / 424	913 / 489	10.20
10/12/21	10/20/21	12.0y		345 / 174	25.0	26.7	0.15	0.126	642 / 339	799 / 426	915 / 490	9.03
06/19/20	06/26/20	7.0y		392 / 200	10.6	28.6	0.09	0.152	666 / 352	801 / 427	913 / 490	7.10
08/09/17	09/15/17	48.0y		309 / 154	36.7	23.8	0.02	0.032	665 / 352	803 / 429	937 / 503	7.04
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
10/31/23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/01/22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/21	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/19/20	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08/09/17	2	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	
11/01/22	Suggest that you attempt to vent off the low-boilers to increase the flash point. Resample at the next service interval. COC Flash Point is abnormally low. (GCD) 10% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high.
10/12/21	Suggest that you attempt to vent off the low-boilers to increase the flash point. Resample at the next service interval. COC Flash Point is abnormally low. (GCD) 10% Distillation Point is abnormally low. (GCD) % < 335°C is marginally high.
06/19/20	(GCD) % < 335°C is marginally high. However Flash Point is on an appropriate level again.
08/09/17	Recommend change of fluid due to depressed COC Flash Point (GCD) 90% Distillation Point is severely high. COC Flash Point is severely low. (GCD) % < 335°C is marginally high. (GCD) 10% Distillation Point is marginally low.

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.