

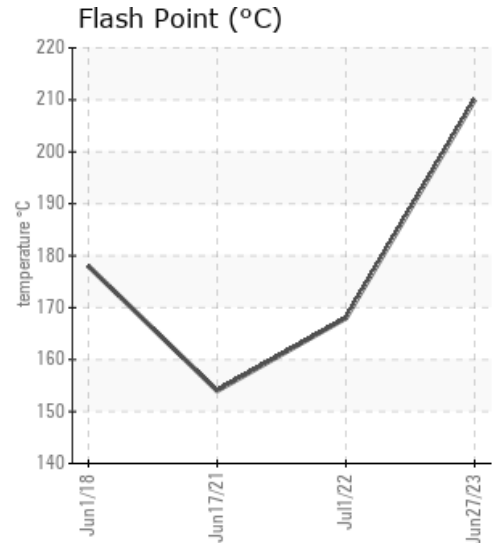
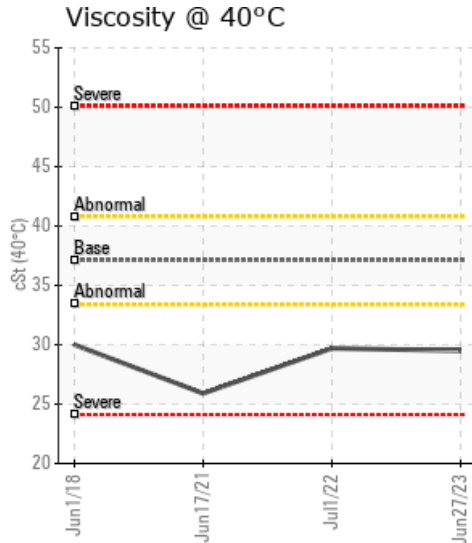
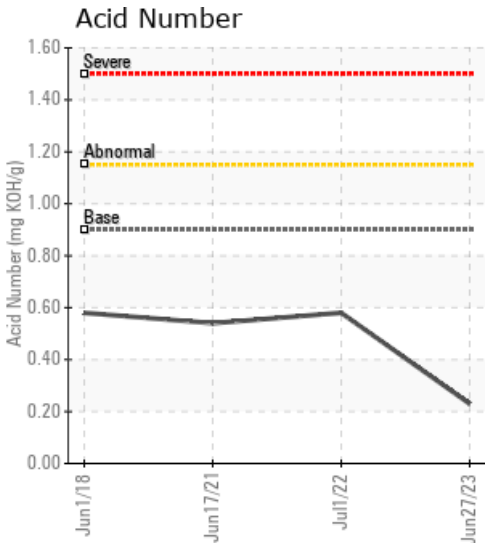
## WANSON TPC 1500

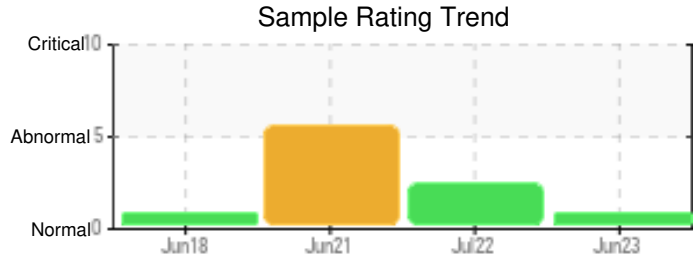
Customer: PTRHTF40049	System Information	Sample Information
PLUSFOOD BV HOUTWAL 30 OOSTERWOLDE 8431EX OOSTERWOLDE, 8431EX Netherlands Attn: WILBERT SNIJERS Tel: E-Mail: w.snijers@klt.nl	System Volume: 0 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make:	Lab No: 02568102 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I Sample Date: 06/27/23 Received Date: 07/05/23 Completed: 07/07/23 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: Resample at the next service interval to monitor.

Comments: (GCD) 90% Distillation Point is marginally high. The condition of the fluid is suitable for further service.

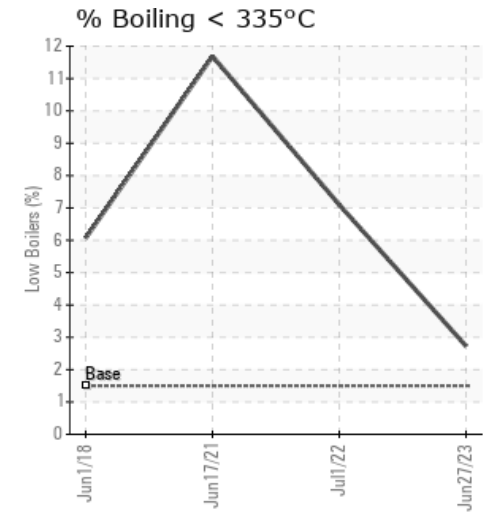
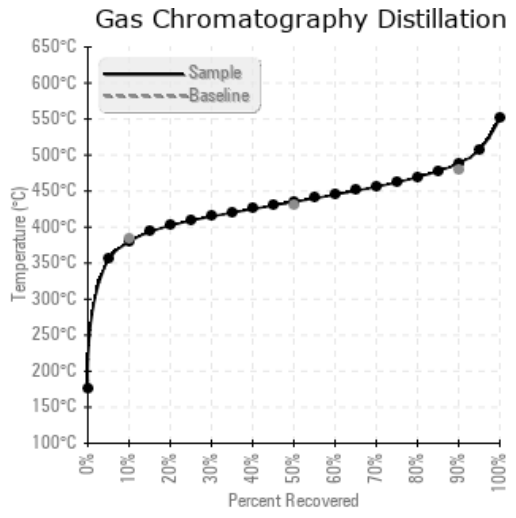
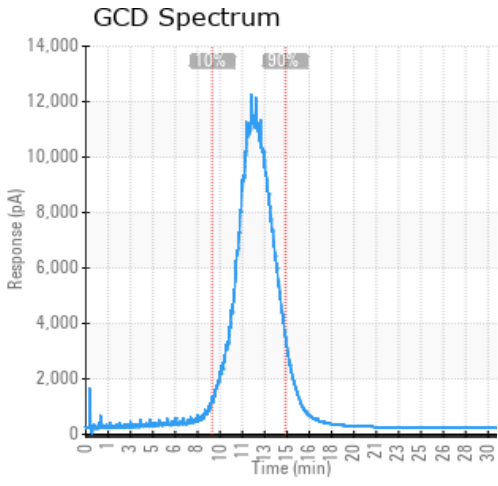
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
06/27/23	07/05/23	12.0h		410 / 210	13.3	29.5	0.23	0.065	715 / 380	815 / 435	911 / 489	2.73
07/01/22	07/08/22	11.0h		334 / 168	31.9	29.7	0.58	0.080	665 / 352	800 / 427	891 / 477	7.10
06/17/21	06/25/21	10.0h		309 / 154	25.9	25.9	0.54	0.045	602 / 317	782 / 416	894 / 479	11.69
06/01/18	06/08/18	7.0h		352 / 178	14.8	30.0	0.58	0.068	675 / 357	799 / 426	888 / 475	6.07
Baseline Data				459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5





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
06/27/23	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4
07/01/22	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	13	5
06/17/21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
06/01/18	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0
Baseline Data			0	0						0			0	0				0	0				230	

Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments	
07/01/22	COC Flash Point is severely low. Continue to vent the light boilers from the expansion tank. COC Flash Point is severely low. (GCD) 10% Distillation Point is marginally low.
06/17/21	COC Flash Point is severely low. (GCD) % < 335°C is abnormally high. Consider venting the light boilers. (GCD) 10% Distillation Point is severely low. COC Flash Point is severely low. (GCD) % < 335°C is abnormally high.
06/01/18	Marginally low COC Flash Point and evidence of light molecules on GCD. It safe to do so please vent the system and see if can reduce light molecules and raise flash point. COC Flash Point is abnormally low.

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