



## TPC 1000LNE

Customer: PTRHTF40071	System Information	Sample Information
ELBURG GLOBAL VEGETABLE OILS VAN KINSBERGENSTRAAT 5 ELBURG, 8081 CL NETHERLANDS Attn: Maintenance Manager Tel: E-Mail:	System Volume: 2000 ltr Bulk Operating Temp: 250F / 121C Heating Source: Blanket: Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID Make: WANSON	Lab No: 02184192 Analyst: Philip Riley Sample Date: 11/21/17 Received Date: 11/27/17 Completed: 11/29/17 To discuss this report contact Philip Riley at (440)124-4378171

Recommendation: Low GC 10% showing evidence of some light ends. Consistent with previous years, all other parameters OK and fit for further use. Unusual spike on GC at 7-10 C chain

Comments: (GCD) 10% Distillation Point is marginally low.

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	%
11/21/17	11/27/17	3y		410 / 210	12.0	31.1	0.54	0.048	656 / 347	796 / 424	895 / 479	4.06
11/15/16	11/24/16	2y		406 / 208	82.5	31.3	0.717	0.056	663 / 351	804 / 429	904 / 484	3.87
06/30/15	07/03/15	1y		417 / 214	42.6	31.8	0.78	0.056	652 / 345	801 / 427	902 / 483	2.92
<b>Baseline Data</b>				459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5



