

## **WANSON TPC-600HB**

## Customer: PTRHTF40071

ELBURG GLOBAL VEGETABLE OILS VAN KINSBERGENSTRAAT 5 ELBURG, 8081 CL NETHERLANDS

Attn: Maintenance Manager

Tel: E-Mail:

## System Information

System Volume: 700 ltr

Bulk Operating Temp: 260F / 127C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: WANSON

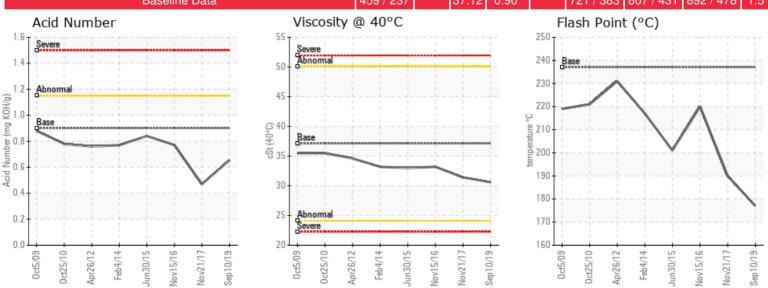
## Sample Information

Lab No: 02309317 Analyst: Philip Riley Sample Date: 09/10/19 Received Date: 09/19/19 Completed: 10/02/19

Recommendation: If COC cannot be recovered (safely) then please look towards fluid change within next sample periodNote, previous sample was 9Y and this one a year later states 5Y.

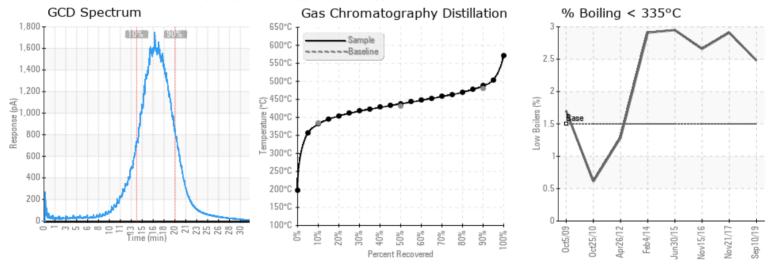
Comments: COC Flash Point is severely low.

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	%		
09/10/19	09/19/19	5у		351 / 177	26.9	30.6	0.654	0.083	717 / 381	819 / 437	908 / 487	2.48		
11/21/17	11/27/17	9у		374 / 190	11.8	31.4	0.47	0.052	710 / 377	813 / 434	894 / 479	2.91		
11/15/16	11/24/16	7y		428 / 220	41.7	33.2	0.771	0.117	707 / 375	815 / 435	904 / 484	2.66		
06/30/15	07/03/15	6y		394 / 201	0.00	33.0	0.84	0.056	706 / 374	820 / 438	914 / 490	2.95		
02/04/14	02/07/14	6y	PTRHTF40071	423 / 217	47.7	33.2	0.77	0.049	706 / 374	815 / 435	898 / 481	2.91		
04/26/12	05/14/12	4y	NA	448 / 231	42	34.6	0.76	0.011	721 / 383	815 / 435	902 / 483	1.287		
		Baseline	e Data	459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5		
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Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments									
	11/21/17	COC Flash point borderline low. Very high level of light molecules, if there is a way to release these safely it should be explored, it may raise the flash point. Stepo change down from COC Flash last year so raises some concern, especially as the fluid is 9 years in system. Monitor closely and of not able to de-gas, consider fluid change at next convenient point with build up of light molecules. All other parameters are OK COC Flash Point is abnormally low.							
	11/15/16	The oil is in good condition and fit for service. Suggest sample at next scheduled maintenance interval.							
	06/30/15	Oil appears to be in good condition and fit for further service. Sample at next scheduled maintenance interval.							
	02/04/14	Oil appears to be in very good condition. Sample at next scheduled maintenance service interval.							
	04/26/12	Oil is fit for further service							

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