

## **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: 02184194 Analyst: Philip Riley Sample Date: 11/21/17 Received Date: 11/27/17 Completed: 11/29/17

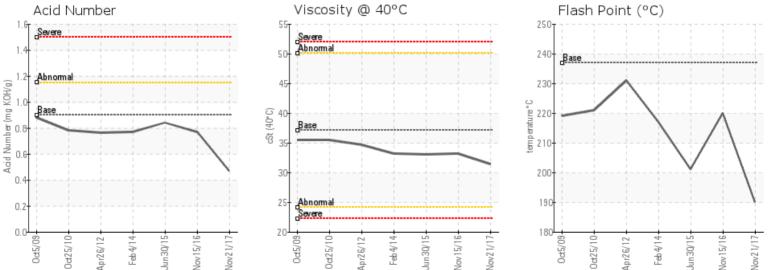
To discuss this report contact Philip Riley

at (440)124-4378171

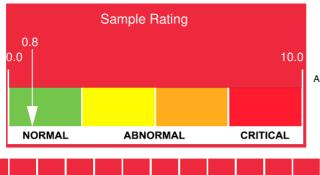
Recommendation: COC Flash point borderline low. Very high level of light molecules, if there is a way to release these safely it should be explored, it may raise the flash point. Stepo change down from COC Flash last year so raises some concern, especially as the fluid is 9 years in system. Monitor closely 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

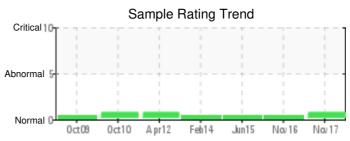
Comments: COC Flash Point is abnormally low.





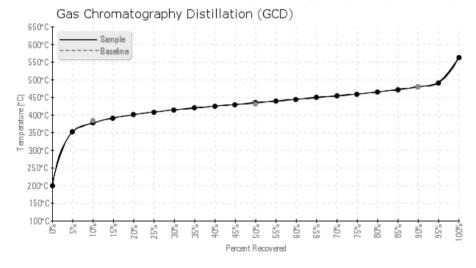


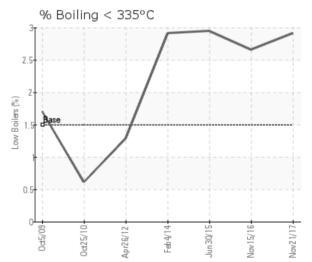




Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
11/21/17	8	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	7
11/15/16	19	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	44	18
06/30/15	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	28	0
02/04/14	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	20	2
04/26/12	1	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	21	0
10/25/10	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	37	4
Baseline Data			0	0						0			0	0					0				230	

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





Historical Comments							
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						
10/25/10							

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