

# WANSON 1500

**Customer: PTRHTF40011**  
 ENSCO FOODGROUP BV  
 WAAGWEG 5  
 OVERIJSEL  
 HOLTEN, OVE NETHERLANDS  
 Attn: Maintenance Manager  
 Tel:  
 E-Mail:

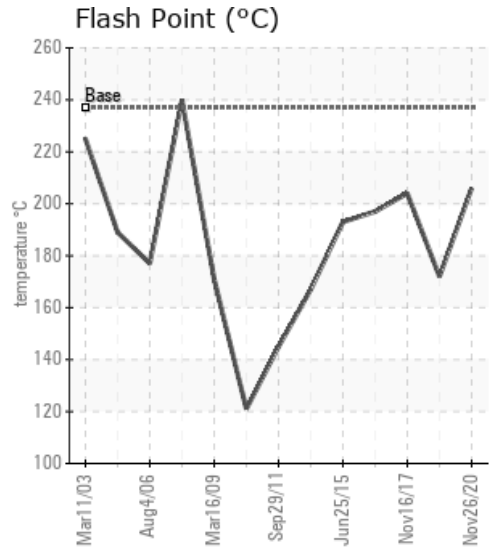
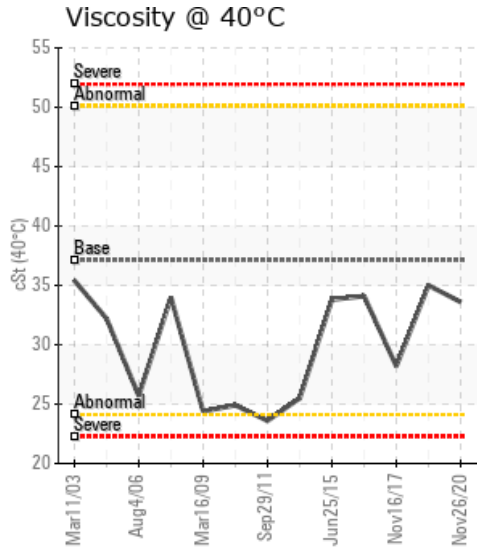
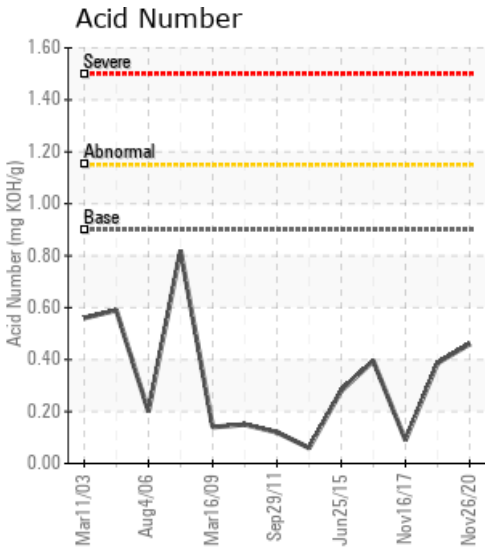
**System Information**  
 System Volume: 5000 ltr  
 Bulk Operating Temp: 290F / 143C  
 Heating Source:  
 Blanket:  
 Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID  
 Make: WANSON

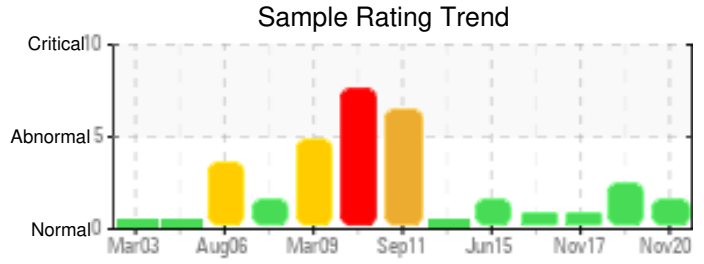
**Sample Information**  
 Lab No: 02390711  
 Analyst: Matthias Voss  
 Sample Date: 11/26/20  
 Received Date: 12/02/20  
 Completed: 12/08/20  
 Matthias Voss  
 Matthias.Voss@petrocanadalsp.com

Recommendation: Fluid fit for further use.

Comments: (GCD) 90% Distillation Point is marginally high.

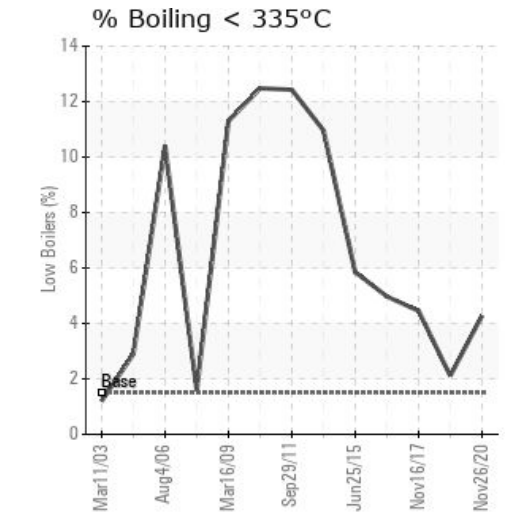
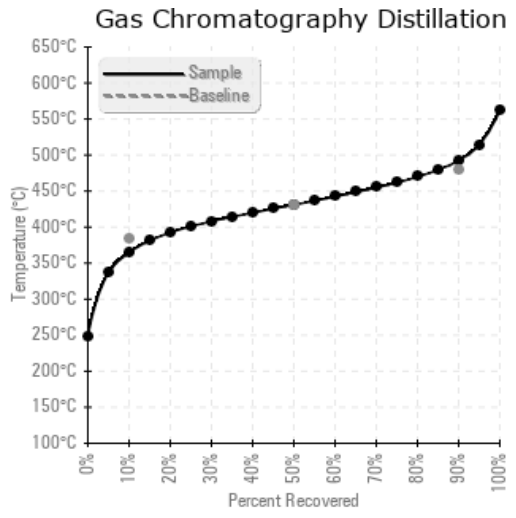
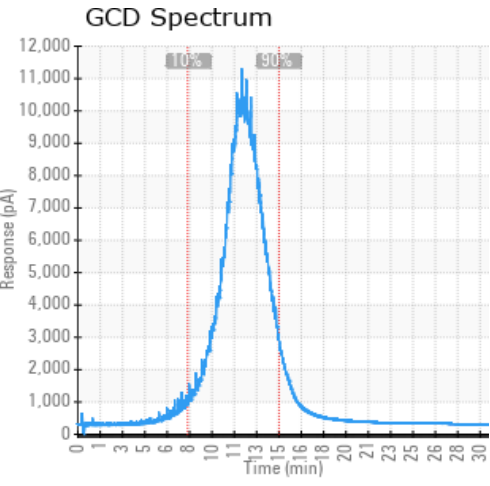
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/26/20	12/02/20	17y		403 / 206	70.5	33.6	0.46	0.260	688 / 365	808 / 431	918 / 492	4.28
07/02/19	07/09/19	16y		342 / 172	50.3	35.0	0.387	0.105	695 / 368	803 / 428	918 / 492	2.11
11/16/17	11/21/17	13y		399 / 204	18.3	28.2	0.09	0.110	685 / 363	810 / 432	926 / 497	4.45
11/03/16	11/11/16	12y		387 / 197	15.5	34.1	0.395	0.088	682 / 361	811 / 433	928 / 498	4.97
06/25/15	07/02/15	11y		379 / 193	15.9	33.8	0.28	0.101	675 / 357	810 / 432	938 / 504	5.85
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
11/26/20	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
07/02/19	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	1
11/16/17	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	0
11/03/16	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	2
06/25/15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	2
<b>Baseline Data</b>			0	0						0			0	0				0	0				230	

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



Historical Comments	
07/02/19	Dates not matching on fluid age and date sampled. If the flash point can be recovered safely should attempt to remove any low boiling molecules. All other parameters generally within expected limits. Recommend re sample in 12 months COC Flash Point is severely low. (GCD) 90% Distillation Point is marginally high.
11/16/17	Fit for further use. 90% Dist high but all other parameters within expectations (GCD) 90% Distillation Point is abnormally high.
11/03/16	The oil is in good condition and fit for further service. Suggest sample at next scheduled maintenance interval. (GCD) 90% Distillation Point is abnormally high.
06/25/15	Oil appears to be in good condition and fit for further service. Sample at next scheduled maintenance interval. (GCD) 90% Distillation Point is abnormally high. (GCD) 10% Distillation Point is marginally low.

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