

# WANSON TPL800LNE

**Customer: PTRHTF40114**  
 DIFFUTHERM B.V.  
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 HAPERT, 5527 LB Netherlands  
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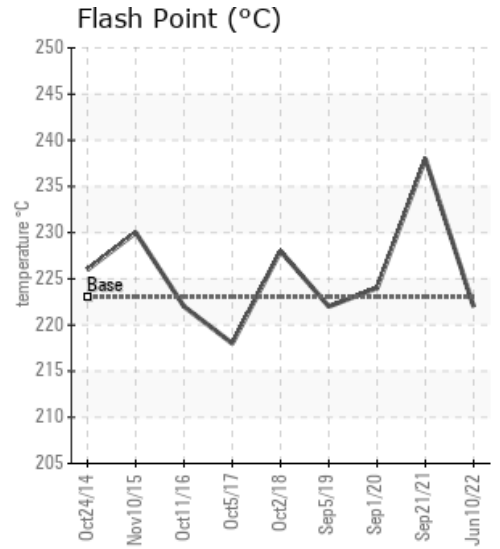
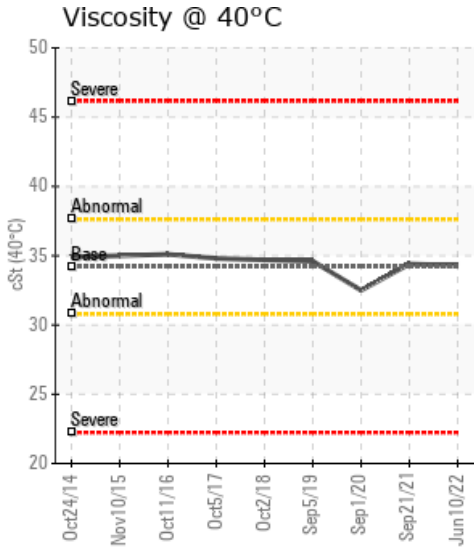
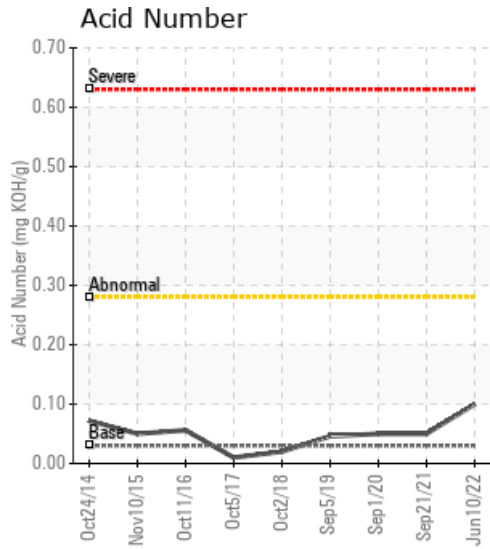
**System Information**  
 System Volume: 6000 ltr  
 Bulk Operating Temp: 428F / 220C  
 Heating Source:  
 Blanket:  
 Fluid: PETRO CANADA PETRO-THERM  
 Make: WANSON

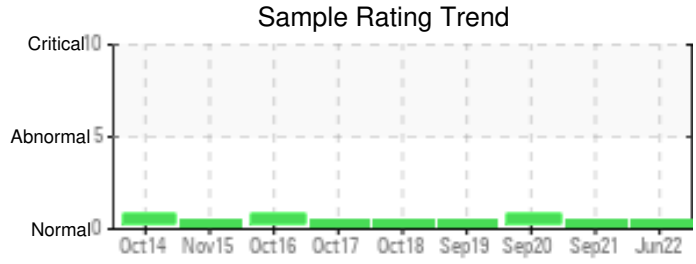
**Sample Information**  
 Lab No: 02515786  
 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I  
 Sample Date: 06/10/22  
 Received Date: 10/12/22  
 Completed: 10/19/22  
 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: Oil is in excellent condition and fit for further use. Resample at next planned interval.

Comments:

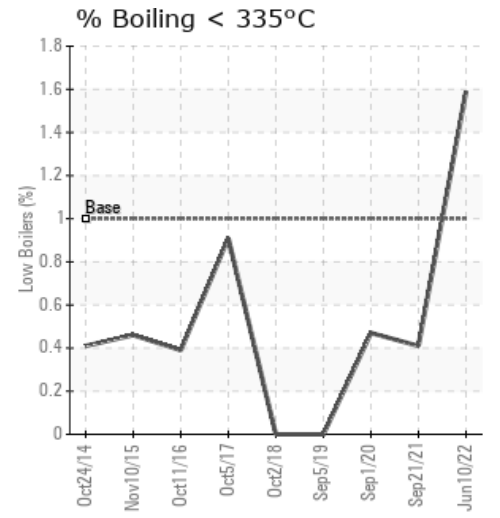
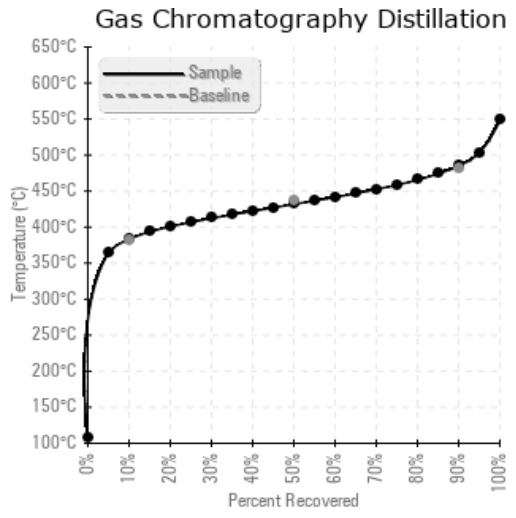
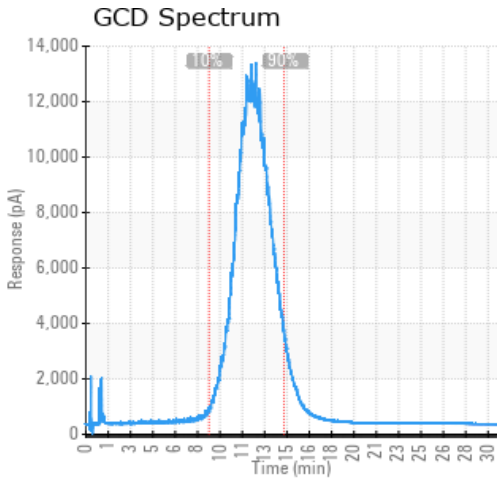
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
06/10/22	10/12/22	8.5y		432 / 222	14.6	34.3	0.10	0.127	721 / 383	809 / 432	905 / 485	1.59
09/21/21	09/27/21	7.5y		460 / 238	22.2	34.4	0.05	0.072	731 / 388	815 / 435	912 / 489	0.41
09/01/20	09/09/20	6.5y		435 / 224	9.3	32.5	0.05	0.111	728 / 387	814 / 434	918 / 492	0.47
09/05/19	09/11/19	5.5y		432 / 222	33.7	34.6	0.046	0.075	722 / 383	803 / 428	892 / 478	0.00
10/02/18	10/10/18	0.0y		442 / 228	23.4	34.7	0.02	0.313	727 / 386	805 / 429	887 / 475	0.00
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00





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
06/10/22	12	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09/21/21	12	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09/01/20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09/05/19	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/02/18	12	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baseline Data			0	0						0			0	0					0				0	

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



Historical Comments	
09/21/21	Oil is in excellent condition and fit for further use. Resample at next planned interval.
09/01/20	Product in good condition within all fluid parameters. Re-sample at normal frequency, no action needed based on sample
09/05/19	Product in good condition within all fluid parameters. Re-sample at normal frequency, no action needed based on sample
10/02/18	All parameters within acceptable limits. Fluid fit for further use

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