

# WANSON DEO 60 MBI 8000

**Customer: PTRHTF40075**  
 TOP TASTE BV  
 KLOOSTERPOORT 33  
 KAPELLE 4421SN  
 KAPELLE, 4421SN Netherlands  
 Attn: WILBERT SNIJERS  
 Tel:  
 E-Mail: w.snijers@klt.nl

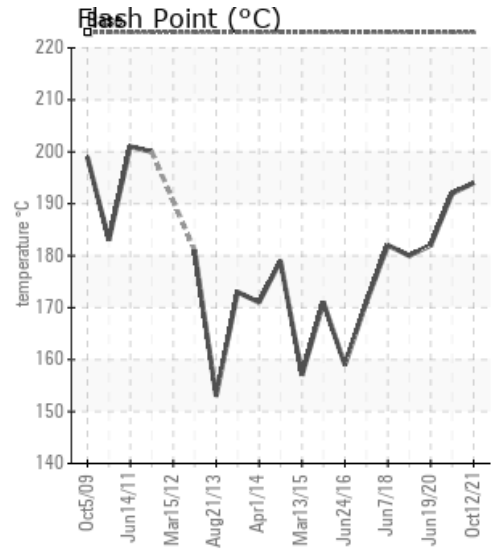
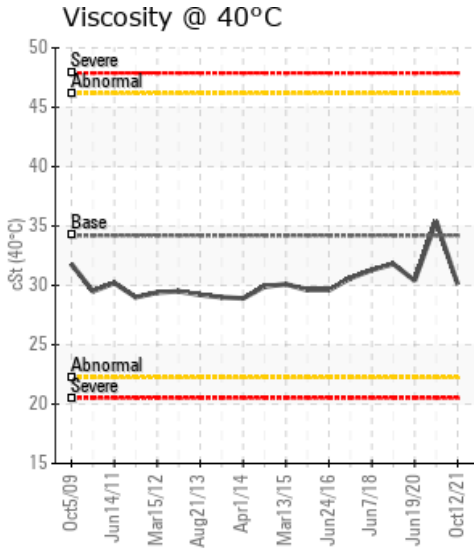
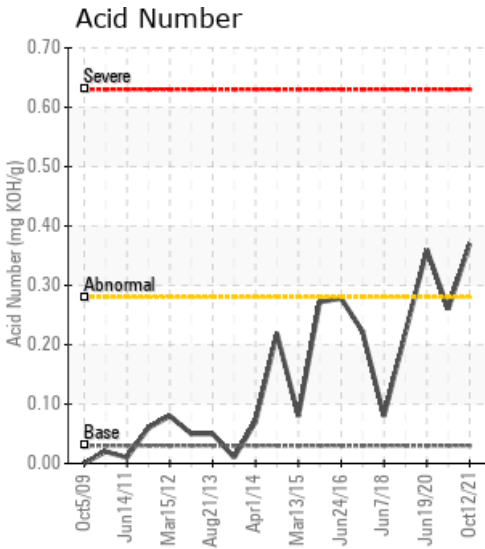
**System Information**  
 System Volume: 6000 ltr  
 Bulk Operating Temp: 473F / 245C  
 Heating Source:  
 Blanket:  
 Fluid: PETRO CANADA PETRO-THERM  
 Make: WANSON

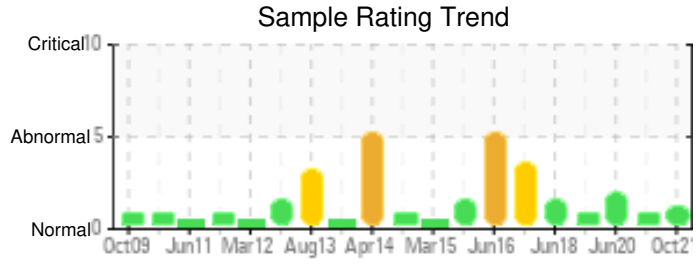
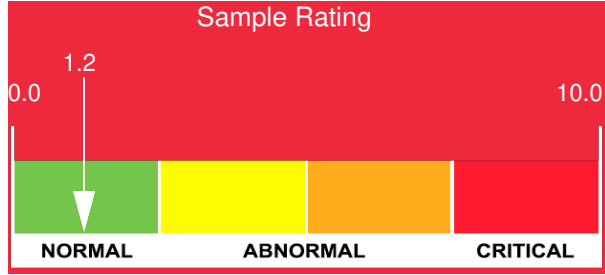
**Sample Information**  
 Lab No: 02451167  
 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I  
 Sample Date: 10/12/21  
 Received Date: 10/20/21  
 Completed: 10/25/21  
 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: The Acid Number has increased since the previous sample. Fluid is fit for further use. Resample at the next normal interval.

Comments: Acid Number (AN) is abnormally high.

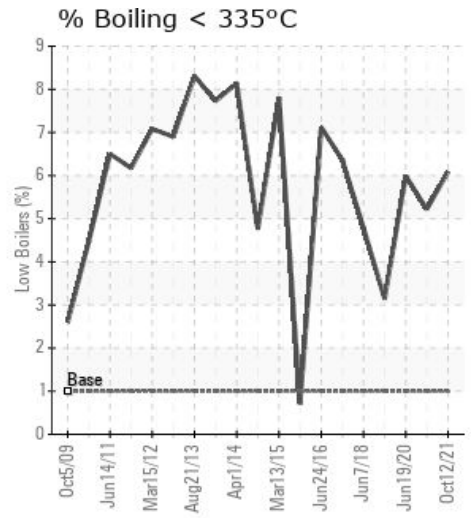
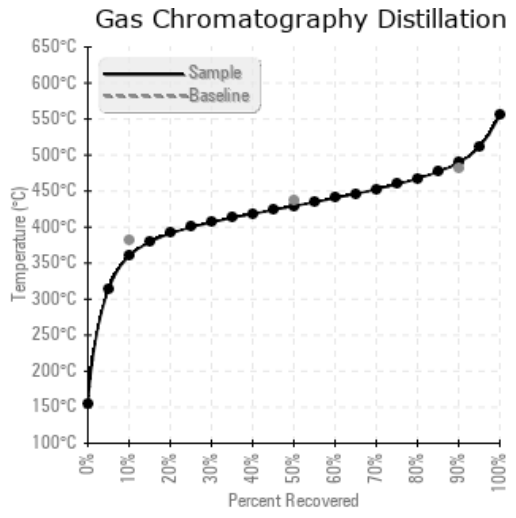
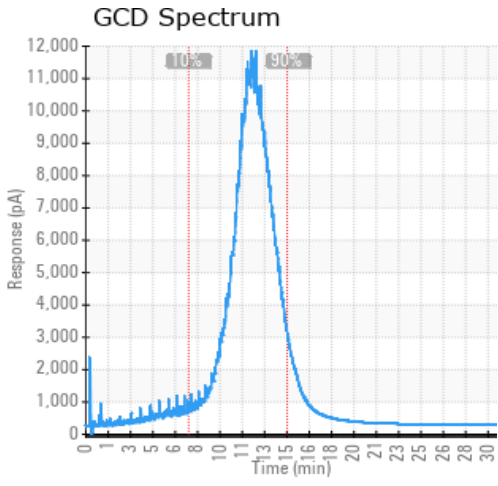
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
10/12/21	10/20/21	2.0y		381 / 194	29.9	30.1	0.37	0.095	680 / 360	804 / 429	913 / 489	6.09
01/15/21	01/22/21	11.5y		378 / 192	23.3	35.4	0.26	0.198	687 / 364	805 / 430	915 / 490	5.22
06/19/20	06/26/20	11.0y		360 / 182	19.8	30.4	0.36	0.129	679 / 360	803 / 429	914 / 490	5.99
04/16/19	04/24/19	0.0y		356 / 180	44.5	31.8	0.22	0.216	694 / 368	803 / 428	912 / 489	3.15
06/07/18	06/11/18	9.5y		360 / 182	22.5	31.3	0.08	0.204	672 / 356	777 / 414	875 / 468	4.79
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
10/12/21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01/15/21	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04/16/19	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06/07/18	5	0	0	0	0	0	0	0	0	0	1	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

01/15/21	Fluid fit for further use. Send in new sample at next service interval. COC Flash Point is marginally low.
06/19/20	Acid Number (AN) is abnormally high. COC Flash Point is marginally low.
04/16/19	Flash Point marginally low but consistent with (or improved on) majority of the last 6 annual samples. Review again at normal period. Light end molecules have been vented looking at previous sample results COC Flash Point is marginally low.
06/07/18	Flash Point marginally low but higher than previous samples for this oil charge. Looks to have improved in condition since last sample in a number of parameters so ask if there has been a partial change or sweetening of the oil in the system. Based on improved condition fit for further use but would suspect a bit of maintenance of fluid occurred. Overall sample rating is improved and leaves no concern for further use

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