



OIL REPORT

LAB NUMBER: E28613
 REPORT DATE: 9/29/2010
 CODE: 20/75

UNIT ID: 05 PASSAT
 CLIENT ID: 31322
 PAYMENT: CC: AmEx

UNIT	MAKE/MODEL: Volkswagen 2.0L Turbo (TDI)	OIL TYPE & GRADE: Mobil 1 TDT 5W/40
	FUEL TYPE: Diesel	OIL USE INTERVAL: 10,400 Miles
	ADDITIONAL INFO:	

CLIENT	ANTHONY ALUKNAVICH	PHONE: (281) 727-9751
	30 STILL CORNER PLACE	FAX:
	THE WOODLANDS, TX 77381	ALT PHONE:
		EMAIL: aaluknavich@comcast.net

COMMENTS ANTHONY: We aren't sure what, if anything, has changed since February, but aluminum is looking much better in this latest analysis. All other wear metals looked good too, matching up nicely with averages. This is especially nice considering this was your longest oil run to date. The oil was in good shape physically, containing no moisture, fuel, or signs of coolant. The air and oil filters are working well too (see silicon and insolubles). As of 9-25-10, the sample date, we like the looks of your VW 2.0L and have no issues to report.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,400	UNIT / LOCATION AVERAGES	10,044	9,300	8,626	UNIVERSAL AVERAGES
	MI/HR on Unit	103,900				65,100	
	Sample Date	09/26/10		02/27/10	10/31/09	07/04/09	
	Make Up Oil Added	1 qt		1 qt	0.5 qt	0.25 qt	
ALUMINUM	11	27	21	20	57	6	
CHROMIUM	1	1	1	1	1	1	
IRON	22	34	27	32	55	39	
COPPER	2	5	3	4	10	5	
LEAD	1	2	2	2	4	4	
TIN	0	1	2	1	0	1	
MOLYBDENUM	1	3	1	2	7	8	
NICKEL	1	5	3	4	10	2	
MANGANESE	0	1	1	1	2	1	
SILVER	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	
POTASSIUM	4	4	0	5	5	7	
BORON	25	32	41	30	31	33	
SILICON	4	16	8	8	45	5	
SODIUM	4	5	3	5	9	7	
CALCIUM	1608	1581	1765	1360	1590	1901	
MAGNESIUM	796	857	932	911	790	232	
PHOSPHORUS	1810	1568	1753	1583	1124	851	
ZINC	1943	1810	2185	1746	1367	1019	
BARIUM	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	75.3	66-78	72.5	72.9	64.5
	cSt Viscosity @ 100°C	14.32	11.9-15.3	13.62	13.72	11.46
	Flashpoint in °F	440	>410	445	440	485
	Fuel %	<0.5	<2.0	<0.5	<0.5	<0.5
	Antifreeze %	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	<0.1	0.0	0.0	0.0
	Insolubles %	0.3	<0.8	0.3	0.3	0.4
	TBN					4.2
	TAN					
	ISO Code					

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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