



OIL REPORT

LAB NUMBER: G44225

UNIT ID: 13 PASSAT

REPORT DATE: 11/10/2014

CLIENT ID: 38689

CODE: 44/75

PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Volkswagen 2.0L TDI 2012+ Passat	OIL TYPE & GRADE: Castrol Edge 5W/30
	FUEL TYPE: Diesel	OIL USE INTERVAL: 10,783 Miles
	ADDITIONAL INFO:	

CLIENT	JOHN AVELIS	PHONE: (217) 687-2736
	1456 E 2275 NORTH RD	FAX:
	WHITE HEATH, IL 61884	ALT PHONE:
		EMAIL: javelis@mac.com

COMMENTS	JOHN: There's quite a bit of metal here, though don't lose hope yet. We're thinking a lot of this is just residual from the wear-in process, and if that is the case, you should see lots of improvements in your next sample. Universal averages show typical wear for this type of engine after about 6,300 miles on the oil. Your longer oil run is also probably a factor, though that's not necessarily a problem. For now, though, we'd probably cut back to about 5,000 miles on the next oil just to make sure wear-in washes out, as we expect it to. No fuel/coolant/water found.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,783	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	21,469							
	Sample Date	10/31/14							
	Make Up Oil Added	0 qts							
	ALUMINUM	128	128						41
	CHROMIUM	5	5						2
	IRON	54	54						30
	COPPER	20	20						8
	LEAD	0	0						0
	TIN	0	0						1
	MOLYBDENUM	2	2						28
	NICKEL	1	1						1
	MANGANESE	2	2						1
	SILVER	0	0						0
	TITANIUM	1	1						1
	POTASSIUM	58	58						21
	BORON	2	2						25
	SILICON	7	7						4
	SODIUM	4	4						4
	CALCIUM	1537	1537						1477
	MAGNESIUM	7	7						35
	PHOSPHORUS	726	726						727
	ZINC	904	904						847
	BARIUM	0	0						0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	62.7	57-64					
	cSt Viscosity @ 100°C	10.97	9.4-11.6					
	Flashpoint in °F	430	>410					
	Fuel %	<0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	<0.1					
	Insolubles %	0.2	<0.6					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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