



OIL REPORT

LAB NUMBER: G18864 UNIT ID: 13 Q5
 REPORT DATE: 6/26/2014 CLIENT ID: 42773
 CODE: 44/501 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Audi 2.0L TSI/TFSI Turbo	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,000 Miles
	ADDITIONAL INFO:	

CLIENT	[REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX:
	[REDACTED]	ALT PHONE:
	[REDACTED]	EMAIL: [REDACTED]
	[REDACTED]	

COMMENTS
 VU: Iron and copper read high in this sample. How many oil changes have you done on this engine? If it has been three or less, then maybe some of the iron and copper is just residual wear-in. But it's hard to say. Let's just see how trends build next time before we call this a serious issue. Averages are based on about 6,000 miles, so the fact that you're already running your oil longer than average could easily account for at least some of this extra iron. There was a trace of fuel, but that's not a problem level at all. The TBN is good at 4.1. Try going 10,000 miles again.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	25,000						
	Sample Date	06/01/14						
	Make Up Oil Added	0.5 qts						
	ALUMINUM	6	6					4
	CHROMIUM	1	1					1
	IRON	59	59					26
	COPPER	10	10					5
	LEAD	0	0					1
	TIN	4	4					1
	MOLYBDENUM	77	77					34
	NICKEL	1	1					1
	MANGANESE	2	2					1
	SILVER	0	0					0
	TITANIUM	0	0					0
	POTASSIUM	13	13					3
	BORON	110	110					53
	SILICON	16	16					11
	SODIUM	5	5					11
	CALCIUM	3038	3038					2170
	MAGNESIUM	32	32					257
	PHOSPHORUS	937	937					859
	ZINC	1105	1105					983
	BARIUM	0	0					0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	67.4	65-76				
	cSt Viscosity @ 100°C	12.26	11.6-14.8				
	Flashpoint in °F	375	>375				
	Fuel %	TR	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	<0.1				
	Insolubles %	0.4	<0.6				
	TBN	4.1	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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