



# OIL REPORT

LAB NUMBER: G83320

UNIT ID: 13 Q5

REPORT DATE: 6/17/2015

CLIENT ID: 42773

CODE: 44/501

PAYMENT: Prepaid

<b>UNIT</b>	MAKE/MODEL: Audi 2.0L TSI/TFSI Turbo	OIL TYPE & GRADE: Castrol Edge 0W/40 Euro
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,000 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

**COMMENTS** VU: This oil was in use the same interval as the last, so it's nice to see iron and copper much lower than last time. That shows better wear at steel and brass/bronze parts. Other metals read in the average range too, showing normally wearing parts in your Q5's engine. The only mark on this report comes in the form of a low flashpoint, which shows a harmless trace of fuel like last time. That's probably from normal operation, so it's nothing to be worried about. The TBN was strong at 5.8, so there was plenty of active additive left in the oil. No complaints from our end!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	10,000	<b>UNIT / LOCATION AVERAGES</b>	10,000	<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	45,000		25,000	
	Sample Date	6/2/2015		6/1/2014	
	Make Up Oil Added	0.5 qt		0.5 qts	
ALUMINUM	6	6	6	4	
CHROMIUM	1	1	1	1	
IRON	38	49	59	27	
COPPER	5	8	10	4	
LEAD	0	0	0	1	
TIN	2	3	4	1	
MOLYBDENUM	24	51	77	33	
NICKEL	1	1	1	1	
MANGANESE	1	2	2	1	
SILVER	0	0	0	0	
TITANIUM	34	17	0	0	
POTASSIUM	6	10	13	3	
BORON	28	69	110	49	
SILICON	12	14	16	9	
SODIUM	4	5	5	12	
CALCIUM	2171	2605	3038	2209	
MAGNESIUM	387	210	32	259	
PHOSPHORUS	890	914	937	859	
ZINC	1105	1105	1105	996	
BARIUM	0	0	0	0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	69.5	65-75	67.4
	cSt Viscosity @ 100°C	12.82	11.6-14.5	12.26
	Flashpoint in °F	385	>385	375
	Fuel %	TR	<2.0	TR
	Antifreeze %	0.0	0.0	0.0
	Water %	0.0	<0.1	0.0
	Insolubles %	0.2	<0.6	0.4
	TBN	5.8	>1.0	4.1
	TAN			
	ISO Code			

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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