



OIL REPORT

LAB NUMBER: G37184
 REPORT DATE: 10/6/2014
 CODE: 20/75

UNIT ID: 08 RS4
 CLIENT ID: 28643
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Audi 4.2L V-8 FSI	OIL TYPE & GRADE: Motul 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO: Supercharged	

CLIENT	PER FARNY	PHONE: (206) 695-2855
	1117 32ND AVENUE SOUTH SEATTLE, WA 98144	FAX: ALT PHONE: EMAIL: per@thefarnys.com

COMMENTS PER: Wear metals are better here after the shorter oil run. The lower iron makes sense because that metal tracks with miles on the oil. And lower aluminum is nice to see. (It doesn't track directly with miles on the oil like iron does.) Of course, we can't dismiss iron as this level still shows more wear at steel parts than average. The high wear could be related to the low compressions, but it's hard to say for sure since chrome (from the rings) is perfect. No fuel this time and the viscosity is on the mark for 5W/40. Run 5,000 miles again for an apples-to-apples comparison.

	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES	10,000					UNIVERSAL AVERAGES
	MI/HR on Unit	57,640		53,000					
	Sample Date	09/19/14		05/01/14					
	Make Up Oil Added	0.75 qt		2 qts					
ELEMENTS IN PARTS PER MILLION	ALUMINUM	6	9	11					5
	CHROMIUM	1	2	2					0
	IRON	44	59	74					15
	COPPER	3	4	5					12
	LEAD	2	3	4					3
	TIN	4	4	4					2
	MOLYBDENUM	6	14	22					19
	NICKEL	4	3	1					0
	MANGANESE	4	9	14					2
	SILVER	0	0	0					0
	TITANIUM	0	0	0					0
	POTASSIUM	0	3	6					3
	BORON	51	51	50					46
	SILICON	5	7	8					8
	SODIUM	6	6	5					10
	CALCIUM	1803	2027	2251					2248
	MAGNESIUM	10	15	19					237
	PHOSPHORUS	694	761	827					876
ZINC	888	935	982					1032	
BARIUM	0	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	67.4	65-78	63.6				
	cSt Viscosity @ 100°C	12.25	11.6-15.3	11.23				
	Flashpoint in °F	390	>375	375				
	Fuel %	<0.5	<2.0	TR				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	<0.1	0.0				
	Insolubles %	0.1	<0.6	0.3				
	TBN			3.2				
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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