



OIL REPORT

LAB NUMBER:
 REPORT DATE: 1/14/2011
 CODE:

UNIT	EQUIP. MAKE/MODEL: Audi 3.0L TSFI Supercharged	OIL TYPE & GRADE: Gasoline Engine Oil
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 7,153 Miles
	ADDITIONAL INFO:	

CLIENT	
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COMMENTS DAN: This is one of the longer oil runs we've seen to date from this Audi, and as far as we can see, the longer oil run hasn't hurt a thing. Iron increased, as we would expect with a longer oil run, and we don't think the increase in tin shows any bearing problems so far, since lead and copper both read acceptably low. The viscosity was in the 10W/40 range, which is probably just fine. The TBN at 2.9 shows active additive left, and no excessive contamination was found, so we don't see anything holding you back from running up to 9,000 miles on your next oil.

	MI/HR on Oil	7,153	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	27,603	6,753	4,843	2,355	2,443	1,294	
	Sample Date	01/06/11	10/30/10	08/23/10	06/20/10	06/02/10	05/10/10	
	Make Up Oil Added	0 qts	0 qts	0 qts	0 qts	0 qts	0 qts	
ELEMENTS IN PARTS PER MILLION	ALUMINUM	4	3	3	2	2	3	3
	CHROMIUM	0	0	0	0	0	0	0
	IRON	15	11	11	9	7	10	8
	COPPER	4	9	5	6	6	8	8
	LEAD	0	0	1	0	0	0	1
	TIN	4	3	0	1	2	6	0
	MOLYBDENUM	1	1	2	0	0	0	1
	NICKEL	0	0	0	0	0	0	0
	MANGANESE	1	3	1	1	1	2	3
	SILVER	0	0	0	0	0	0	0
	TITANIUM	0	0	0	0	0	0	0
	POTASSIUM	2	2	0	1	0	2	1
	BORON	54	34	49	51	45	4	11
	SILICON	6	18	7	8	8	13	19
	SODIUM	4	4	4	4	3	4	3
	CALCIUM	1722	1809	1615	1778	1736	2004	1749
	MAGNESIUM	12	198	11	29	114	504	402
	PHOSPHORUS	671	789	659	769	747	933	862
	ZINC	828	982	726	941	890	1231	1060
	BARIUM	0	0	0	0	0	0	0

Values
Should Be*

PROPERTIES							
SUS Viscosity @ 210°F	64.6		62.6	64.8	63.4	61.3	62.4
cSt Viscosity @ 100°C	11.49		10.96	11.55	11.16	10.59	10.88
Flashpoint in °F	390	>365	390	415	415	400	410
Fuel %	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5
Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water %	0.0	<0.1	0.0	0.0	0.0	0.0	0.0
Insolubles %	0.2	<0.6	0.2	0.2	0.2	0.1	0.2
TBN	2.9		3.6	3.8	6.2	8.2	9.5
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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