



OIL REPORT

LAB NUMBER: E50340
 REPORT DATE: 4/1/2011
 CODE: 20/501

UNIT ID: 95 PORSCHE
 CLIENT ID: 46831
 PAYMENT: CC: AmEx

UNIT	MAKE/MODEL: Porsche 3.6L Air-Cooled	OIL TYPE & GRADE: Mobil 1 15W/50
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,462 Miles
	ADDITIONAL INFO: 911	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS TED: We're glad to see that you haven't changed this oil yet, because there's still life left in it. The TBN is a measure of active additive, and a reading of 7.0 shows plenty left for a longer oil run, since 1.0 is considered a low TBN reading. Our universal averages show normal wear for the 3.6L air-cooled Porsche after about 3,500 miles on the oil. Most wear is still within normal ranges, though copper (from steel parts) is a little elevated. Maybe something operational explains it. Leave this oil in place another 1,500 miles and check back to see the trends you establish.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,462	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	75,250						
	Sample Date	03/28/11						
	Make Up Oil Added	2 qts						
ALUMINUM	4	4					3	
CHROMIUM	0	0					0	
IRON	9	9					10	
COPPER	21	21					13	
LEAD	5	5					12	
TIN	3	3					1	
MOLYBDENUM	80	80					74	
NICKEL	1	1					1	
MANGANESE	0	0					1	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	0	0					1	
BORON	98	98					88	
SILICON	3	3					8	
SODIUM	7	7					62	
CALCIUM	2358	2358					2401	
MAGNESIUM	41	41					167	
PHOSPHORUS	993	993					938	
ZINC	1212	1212					1158	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	80.5	78-95				
	cSt Viscosity @ 100°C	15.64	15.0-19.4				
	Flashpoint in °F	430	>380				
	Fuel %	<0.5	<2.0				
	Antifreeze %	-	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.3	<0.6				
	TBN	7.0					
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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