



OIL REPORT

LAB NUMBER: F09543
 REPORT DATE: 7/5/2012
 CODE: 20/75

UNIT ID: 01 TURBO
 CLIENT ID: 46377
 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Porsche 3.6L Turbo	OIL TYPE & GRADE: Mobil 1 5W/50
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 6,980 Miles
	ADDITIONAL INFO: 911 Turbo	

CLIENT	LARRY CHESTER	PHONE: (847) 940-0733
	1536 SPRINGVIEW CT.	FAX:
	APT. 2D	ALT PHONE:
	WHEELING, IL 60090	EMAIL: larry@chester.com

COMMENTS
 LARRY: You noted that you ran this oil a bit longer than you would have liked, but your engine doesn't seem to have had any problem with the longer interval. In fact, wear looks better than it did after a shorter 3,000-mile oil change a year ago. You've driven your Porsche about 12,000 miles in the past year, so it looks like your 911 might be a daily driver. Either way, we're quite impressed. We'd have trouble trying to replicate these kinds of results in our daily-driven economy cars, much less a turbo-charged 3.6L boxer. Your engine is doing well at 42,120 miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	6,980	UNIT / LOCATION AVERAGES	4,600	3,000			UNIVERSAL AVERAGES
	MI/HR on Unit	42,120		35,137	30,520	26,770		
	Sample Date	06/09/12		09/20/11	06/26/11	04/03/11		
	Make Up Oil Added	1 qt		1 qt	0 qts	1 qt		
ALUMINUM	3	4	3	4	5			3
CHROMIUM	0	1	0	1	1			0
IRON	9	14	8	14	19			10
COPPER	33	33	27	35	34			18
LEAD	6	6	4	6	7			5
TIN	0	3	3	0	5			1
MOLYBDENUM	86	94	84	96	102			115
NICKEL	1	2	1	1	3			1
MANGANESE	1	6	1	4	12			6
SILVER	0	0	0	0	0			0
TITANIUM	0	0	0	0	0			0
POTASSIUM	4	2	4	1	1			2
BORON	159	127	148	154	88			126
SILICON	3	4	3	4	4			7
SODIUM	3	5	4	5	6			6
CALCIUM	3411	2940	2909	3025	2678			2533
MAGNESIUM	22	19	21	18	17			176
PHOSPHORUS	959	940	850	952	969			977
ZINC	1121	1067	916	1075	1111			1114
BARIUM	0	0	0	0	0			0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	82.2	70-86	78.0	71.1	76.9	
	cSt Viscosity @ 100°C	16.06	12.9-17.3	15.01	13.23	14.74	
	Flashpoint in °F	395	>390	390	400	405	
	Fuel %	<0.5	<2.0	TR	<0.5	<0.5	
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	
	Water %	0.0	0.0	0.0	0.0	0.0	
	Insolubles %	0.4	<0.6	0.2	0.3	0.3	
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com