



OIL REPORT

LAB NUMBER: E83193 UNIT ID: 03 911
 REPORT DATE: 12/19/2011 CLIENT ID: 38843
 CODE: 20/75 PAYMENT: CC: MC

UNIT	EQUIP. MAKE/MODEL: Porsche 3.6L Twin Turbo	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO:	

CLIENT	FRANK BAKER	PHONE: (973) 635-6707
	50 HEDGES AVE	FAX:
	CHATHAM, NJ 07928	ALT PHONE:
		EMAIL: fkmcbaker@optonline.net

COMMENTS FRANK: This first sample from your Porsche looks good. Universal averages show how metals usually look from this size Porsche engine, and they're based on about 3,600 miles on the oil. This oil saw 5,000 miles of use, so it's nice to see that metals are generally better than average. We didn't find any excess fuel, water, coolant, or dirt in this sample, and that's part of the reason wear looks so good, but we can't discredit a nicely wearing engine either. The viscosity read as expected. You've got a nicely wearing engine here -- it should build some great trends.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit							
	Sample Date	12/17/11						
	Make Up Oil Added	1 qt						
ALUMINUM	3	3					3	
CHROMIUM	0	0					0	
IRON	7	7					11	
COPPER	6	6					21	
LEAD	1	1					3	
TIN	0	0					1	
MOLYBDENUM	89	89					63	
NICKEL	0	0					2	
MANGANESE	1	1					7	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	1	1					2	
BORON	173	173					121	
SILICON	4	4					5	
SODIUM	19	19					7	
CALCIUM	3245	3245					2570	
MAGNESIUM	30	30					187	
PHOSPHORUS	915	915					871	
ZINC	1129	1129					1034	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	69.7	65-76				
	cSt Viscosity @ 100°C	12.87	11.6-14.8				
	Flashpoint in °F	390	>375				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	<0.1				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE