



OIL REPORT

LAB NUMBER: H20461 UNIT ID: 00 PORSCHE
 REPORT DATE: 12/11/2015 CLIENT ID: 90304
 CODE: 63/32 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Porsche 3.2L H-6	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 1,400 Miles
	ADDITIONAL INFO: Boxster S	

CLIENT	PATRICK MORRISON	PHONE: (423) 725-3167
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COMMENTS PAT: This sample looks good. Don't worry too much about the low amount of use. Oil doesn't go bad based on calendar time. You mentioned you were worried about acid, but acid accumulates with use, not with time, just like the TBN (or base number, which helps neutralize acid) doesn't deplete based on time. We didn't run either the TAN or TBN tests, but if you want us to, let us know. They're \$10 each. Wear metals look good here, so we feel pretty confident that you don't have any issues brewing. Averages are based on ~4,000 miles. Nice Porsche!

	MI/HR on Oil	1,400	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	57,000						
	Sample Date	12/6/2015						
	Make Up Oil Added	0 qts						
ELEMENTS IN PARTS PER MILLION	ALUMINUM	2	2					4
	CHROMIUM	0	0					0
	IRON	5	5					9
	COPPER	3	3					8
	LEAD	0	0					2
	TIN	0	0					1
	MOLYBDENUM	82	82					64
	NICKEL	0	0					0
	MANGANESE	0	0					1
	SILVER	0	0					0
	TITANIUM	0	0					0
	POTASSIUM	4	4					2
	BORON	195	195					119
	SILICON	9	9					7
	SODIUM	6	6					16
	CALCIUM	3068	3068					2574
	MAGNESIUM	22	22					116
	PHOSPHORUS	892	892					898
ZINC	1052	1052					1046	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	67.1	63-76				
	cSt Viscosity @ 100°C	12.18	11.1-14.8				
	Flashpoint in °F	390	>375				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	TR	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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