



**OIL
REPORT**

LAB NUMBER: H16290 **UNIT ID:** SEA WIND 2

REPORT DATE: 11/19/2015 **CLIENT ID:** 73031

CODE: 20/32 **PAYMENT:** CC: MC

MAKE/MODEL: Porsche 3.2L H-6

FUEL TYPE: Gasoline (Unleaded)

ADDITIONAL INFO: 2006 Boxster

OIL TYPE & GRADE: Mobil 1 0W/40

OIL USE INTERVAL: 3,000 Miles

THOMAS: Universal averages show typical wear after about 3,800 miles of oil use. Your sample has quite a bit more metal than we typically see. Aluminum, iron, copper, and lead show wear at the pistons, steel, brass/bronze parts, and the bearings. Tin is probably an alloy. There wasn't any contamination to explain this, so maybe this engine used to see some pretty hard use. We're not convinced of a problem, so let's just see how trends build before crossing that bridge. Use 2,000 miles next time and watch oil pressure if you can. Hopefully things shape up a bit next time.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,000	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	25,000							
	Sample Date	11/7/2015							
	Make Up Oil Added	0 qts							
ALUMINUM	8	8							4
CHROMIUM	1	1							0
IRON	21	21							9
COPPER	18	18							8
LEAD	13	13							2
TIN	12	12							1
MOLYBDENUM	40	40							64
NICKEL	3	3							0
MANGANESE	3	3							1
SILVER	0	0							0
TITANIUM	1	1							0
POTASSIUM	5	5							2
BORON	73	73							119
SILICON	7	7							7
SODIUM	8	8							16
CALCIUM	3248	3248							2587
MAGNESIUM	35	35							114
PHOSPHORUS	979	979							900
ZINC	1259	1259							1049
BARIIUM	0	0							0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	64.4	63-76					
	cSt Viscosity @ 100°C	11.45	11.1-14.8					
	Flashpoint in °F	375	>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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