



# OIL REPORT

LAB NUMBER: H97341  
 REPORT DATE: 12/9/2016  
 CODE: 20/685

UNIT ID: PORSCHE  
 CLIENT ID: 103248  
 PAYMENT: CC: Visa

<b>UNIT</b>	MAKE/MODEL: Porsche 3.6L H-6 Twin Turbo (Air-Coo)	OIL TYPE & GRADE: Mobil 1 V-Twin 20W/50
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,077 Miles
	ADDITIONAL INFO: 1997 911T urbo	

<b>CLIENT</b>	RICHARD SCALES	PHONE: (423) 886-4966
	15 MAJESTIC OAKS DR.	FAX:
	SIGNAL MOUNTAIN, TN 37377	ALT PHONE:
		EMAIL: dick993tt@yahoo.com

**COMMENTS** DICK: We've got a good first report four you on this 911. Universal averages are for an oil run of about 2,500 miles. This run was double that, yet wear metals all tested at good levels with nothing high enough to draw our attention. Iron, the element showing steel wear, typically tracks with miles, so we look at it on a per mile basis: this engine has remarkably low steel wear. The sample showed no signs of fuel contamination, and its viscosity was fine for the mix of 15W and 20W/50 grade oil. TBN was strong, showing plenty of active additive in the oil. Nice engine!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	5,077	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	56,400						
	Sample Date	11/30/2016						
	Make Up Oil Added							
ALUMINUM	3	3					4	
CHROMIUM	1	1					1	
IRON	8	8					13	
COPPER	20	20					16	
LEAD	9	9					9	
TIN	1	1					1	
MOLYBDENUM	83	83					93	
NICKEL	1	1					2	
MANGANESE	0	0					1	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	3	3					2	
BORON	88	88					125	
SILICON	4	4					11	
SODIUM	4	4					15	
CALCIUM	1750	1750					2392	
MAGNESIUM	303	303					155	
PHOSPHORUS	1060	1060					1035	
ZINC	1319	1319					1205	
BARIUM	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	91.0	80-100				
	cSt Viscosity @ 100°C	18.21	15.5-20.6				
	Flashpoint in °F	390	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	-	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.3	<0.6				
	TBN	5.0	>1.0				
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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