



# OIL REPORT

LAB NUMBER: J65366      UNIT ID: 96 911  
 REPORT DATE: 10/2/2017      CLIENT ID: 115331  
 CODE: 63/32      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: 3,000 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	JOSEPH	PHONE: (717)
		FAX:
		ALT PHONE:
		EMAIL:

**COMMENTS** JOE: Wear metals look pretty good in this first sample from your air-cooled 3.6L engine. Averages for this engine type are based on ~2,400 miles on the oil and on your slightly longer interval, metals all tested within the average range to show no obvious mechanical problems in the works. We'll keep an eye on copper and lead since they were a little out of balance compared to metals like iron, for example (copper and lead can show brass/bronze or bearing wear), but for now, there are no obvious issues. The small amount of fuel and thin viscosity are harmless.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	3,000	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	50,000						
	Sample Date	9/19/2017						
	Make Up Oil Added	0 qts						
ALUMINUM	3	3					4	
CHROMIUM	1	1					1	
IRON	7	7					12	
COPPER	20	20					15	
LEAD	15	15					8	
TIN	0	0					1	
MOLYBDENUM	76	76					90	
NICKEL	1	1					1	
MANGANESE	3	3					1	
SILVER	1	1					0	
TITANIUM	0	0					0	
POTASSIUM	4	4					2	
BORON	168	168					134	
SILICON	21	21					10	
SODIUM	6	6					17	
CALCIUM	2308	2308					2389	
MAGNESIUM	58	58					144	
PHOSPHORUS	1239	1239					1043	
ZINC	1444	1444					1209	
BARIIUM	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	76.7	80-103			
	cSt Viscosity @ 100°C	14.69	15.5-21.3			
	Flashpoint in °F	375	>385			
	Fuel %	0.5	<2.0			
	Antifreeze %	-	0.0			
	Water %	0.0	0.0			
	Insolubles %	0.3	<0.6			
	TBN					
	TAN					
	ISO Code					

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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