



# OIL REPORT

LAB NUMBER: K32776  
 REPORT DATE: 7/2/2018  
 CODE: 20/32

UNIT ID: 00 911  
 CLIENT ID: 127449  
 PAYMENT: Prepaid

<b>UNIT</b>	MAKE/MODEL: Porsche 3.4L H-6	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,314 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	JON HALL	PHONE: (856) 381-9900
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**COMMENTS** JON: Universal averages for Porsche's 3.4L flat six show typical wear after about 4,100 miles on the oil. Wear metals in this sample are mostly on the low side by comparison, and that's nice to see given that this oil didn't see quite as long of a run as that average interval. Less wear after a shorter run is what we look for from a healthy engine in testing, so no issues stand out. The viscosity read in the 5W/30 range, so that's how we logged it in. Air and oil filtration (see silicon and insolubles) are working well. Excellent engine at 69,152 miles!

	MI/HR on Oil	3,314	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	69,152						
	Sample Date	6/22/2018						
	Make Up Oil Added	0.25 qts						
<b>ELEMENTS IN PARTS PER MILLION</b>	ALUMINUM	5	5					4
	CHROMIUM	0	0					1
	IRON	5	5					10
	COPPER	4	4					7
	LEAD	1	1					2
	TIN	0	0					1
	MOLYBDENUM	29	29					81
	NICKEL	0	0					0
	MANGANESE	0	0					2
	SILVER	0	0					0
	TITANIUM	1	1					1
	POTASSIUM	1	1					2
	BORON	34	34					120
	SILICON	11	11					7
	SODIUM	7	7					11
	CALCIUM	2441	2441					2601
	MAGNESIUM	21	21					91
PHOSPHORUS	895	895					900	
ZINC	942	942					1034	
BARIUM	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	61.3	55-62				
	cSt Viscosity @ 100°C	10.59	8.8-11.1				
	Flashpoint in °F	375	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.1	<0.6				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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