



# OIL REPORT

LAB NUMBER: H37358  
 REPORT DATE: 3/11/2016  
 CODE: 20/32

UNIT ID: 928 GTS  
 CLIENT ID: 93080  
 PAYMENT: Prepaid

<b>UNIT</b>	MAKE/MODEL: Porsche 5.4L V-8	OIL TYPE & GRADE: Mobil 1 10W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	PETER DEJONG	PHONE: (713) 298-5921
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**COMMENTS** PETER: Amended report to add information. Now that we know the type of engine, and we know more of the circumstances prior to this oil run, we can give more details. Universal averages for the Porsche 5.4L V8 are based on ~4,500 miles of oil use, so chrome and iron are higher than we typically see from this type of engine. That may be due to the new rings, as you suspect, so we'll see if the metals go away on their own next time. If not, it could show a ring not seating properly. Silicon is probably from sealers, and no fuel was present. Check back to monitor.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil		<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit							
	Sample Date	3/8/2016						
	Make Up Oil Added							
ALUMINUM	7	7						5
CHROMIUM	46	46						2
IRON	18	18						6
COPPER	5	5						5
LEAD	4	4						3
TIN	6	6						1
MOLYBDENUM	82	82						189
NICKEL	0	0						0
MANGANESE	0	0						1
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	1	1						2
BORON	115	115						67
SILICON	16	16						6
SODIUM	66	66						137
CALCIUM	2248	2248						2445
MAGNESIUM	474	474						276
PHOSPHORUS	1064	1064						1187
ZINC	1250	1250						1415
BARIUM	0	0						0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	78.0	66-74				
	cSt Viscosity @ 100°C	15.02	11.9-14.3				
	Flashpoint in °F	400	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	0.0				
	Insolubles %	0.3	<0.7				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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