



OIL REPORT

LAB NUMBER: H49326
 REPORT DATE: 5/6/2016
 CODE: 20/32

UNIT ID: 90 928 GTS
 CLIENT ID: 93080
 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Porsche 5.4L V-8	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 7,000 Miles
	ADDITIONAL INFO:	

CLIENT	PETER DEJONG	PHONE: (713) 298-5921
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	CHARLESTON, SC 29405	ALT PHONE:
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COMMENTS
 PETER: Chrome is still high in this latest report, but the good news is that it dropped significantly since last time. Iron is a little lower too, so that's good. These metals are still too high to give the all clear, but we'll look for this improving trend to continue in the next report. Hopefully copper follows suit too. It jumped up to 19 ppm, showing brass/bronze wear. Now that silicon is low, we can give the air filter the thumbs up. The 0.5% fuel is harmless and probably from idling or short trips, which is fine. Try just 5,000 miles on the next oil and check back on wear metals.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,000	UNIT / LOCATION AVERAGES				UNIVERSAL AVERAGES
	MI/HR on Unit	109,000					
	Sample Date	5/4/2016		3/8/2016			
	Make Up Oil Added	1 qt					
ALUMINUM	7	7	7				5
CHROMIUM	15	31	46				2
IRON	13	16	18				6
COPPER	19	12	5				5
LEAD	1	3	4				3
TIN	0	3	6				1
MOLYBDENUM	69	76	82				189
NICKEL	0	0	0				0
MANGANESE	0	0	0				1
SILVER	0	0	0				0
TITANIUM	0	0	0				0
POTASSIUM	1	1	1				2
BORON	79	97	115				67
SILICON	6	11	16				6
SODIUM	3	35	66				137
CALCIUM	973	1611	2248				2445
MAGNESIUM	661	568	474				276
PHOSPHORUS	610	837	1064				1187
ZINC	702	976	1250				1415
BARIUM	0	0	0				0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	57.4	55-62	78.0		
	cSt Viscosity @ 100°C	9.47	8.8-11.1	15.02		
	Flashpoint in °F	355	>365	400		
	Fuel %	0.5	<2.0	<0.5		
	Antifreeze %	0.0	0.0	0.0		
	Water %	0.0	0.0	0.0		
	Insolubles %	0.2	<0.6	0.3		
	TBN					
	TAN					
	ISO Code					

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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