



OIL REPORT

UNIT	MAKE/MODEL: Porsche 3.6L H-6	OIL TYPE & GRADE: Motul 8100 X-Cess 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,212 Miles
	ADDITIONAL INFO:	

COMMENTS We've been hoping for metals to improve from your Carrera, and eureka! That's just what we found in this latest report. Iron and copper are still slightly above average, but these levels are much closer to normal, and neither metal is far enough out of line to highlight this time. Most other metals have dropped as well, probably thanks to the shorter oil run, but you're still running longer than average on the oil, so everything here looks pretty good. There were no physical problems with the oil, and no contaminants were found. Hopefully, wear stays low next time.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,212	UNIT / LOCATION AVERAGES	5,049	5,136	UNIVERSAL AVERAGES
	MI/HR on Unit	59,091		54,879	49,830	
	Sample Date	09/21/13		01/21/13	02/12/12	
	Make Up Oil Added	2.6 qts		3.22 qts	2.6 qts	
ALUMINUM	3	4	4	4	4	
CHROMIUM	1	1	1	2	1	
IRON	15	19	18	23	11	
COPPER	15	22	25	26	10	
LEAD	3	4	4	4	6	
TIN	1	0	0	0	1	
MOLYBDENUM	1	1	2	1	76	
NICKEL	1	0	0	0	1	
MANGANESE	0	0	0	1	1	
SILVER	0	0	0	0	0	
TITANIUM	0	0	0	0	0	
POTASSIUM	0	1	2	0	2	
BORON	49	34	44	10	96	
SILICON	3	4	4	5	10	
SODIUM	4	6	6	7	14	
CALCIUM	2933	2385	2582	1641	2484	
MAGNESIUM	66	446	223	1048	152	
PHOSPHORUS	933	920	915	912	915	
ZINC	1166	1084	1102	985	1060	
BARIUM	0	0	0	0	0	

Values Should Be*

PROPERTIES	66.7	65-78	66.6	66.8
SUS Viscosity @ 210°F	66.7	65-78	66.6	66.8
cSt Viscosity @ 100°C	12.07	11.6-15.3	12.04	12.10
Flashpoint in °F	400	>375	380	390
Fuel %	<0.5	<2.0	<0.5	<0.5
Antifreeze %	0.0	0.0	0.0	0.0
Water %	0.0	<0.1	0.0	0.0
Insolubles %	TR	<0.6	0.1	0.3
TBN				6.7
TAN				
ISO Code				

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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