



OIL REPORT

LAB NUMBER: F03268
 REPORT DATE: 5/21/2012
 CODE: 20/34

UNIT ID: [REDACTED]
 CLIENT ID: [REDACTED]
 PAYMENT: CC: Visa (Bulk)

UNIT
 MAKE/MODEL: Porsche 3.6L Turbo
 FUEL TYPE: Gasoline (Unleaded)
 ADDITIONAL INFO:
 OIL TYPE & GRADE: Mobil 1 V-Twin 20W/50
 OIL USE INTERVAL: 4,617 Miles

CLIENT
 BILL [REDACTED]
 [REDACTED]
 ARLINGTON HEIGHTS, IL 60005
 PHONE: (847) [REDACTED]
 FAX:
 ALT PHONE:
 EMAIL: [REDACTED]

COMMENTS
 BILL: Wear continues to track along at nice and low levels, leaving no evidence of any mechanical problems developing inside your Porsche's engine at 58,963 miles. No contamination of any sort was found, and the viscosity read within the acceptable range for 20W/50-grade oil. Air and oil filtration were both working properly, as seen at silicon and insolubles. Your 911/993 turbo appears ready to stretch its legs around the suburbs of Chicago this summer. No problems found as of the 05/17/12 sample date.

ELEMENTS IN PARTS PER MILLION	Miles/Hours	Oil	4/617	UNIT / LOCATION AVERAGES	5/659	4/124	5/317	5/100	2/500	UNIVERSAL AVERAGES
	Miles/Hours	Unit	58/963		54/346	48/687	44/563	39/250	63/900	
	Sample Date		05/17/12		10/28/11	05/12/11	10/29/10	05/25/10	11/20/09	
	Make/Up Oil/Added		0 qts		0 qts	0 qts	0.5 qt	0 qts	0.5 qt	
ALUMINUM	3	3	3	3	3	3	3	3	3	3
CHROMIUM	0	0	0	0	0	0	0	0	0	0
IRON	8	9	9	7	10	10	10	10	10	10
COPPER	4	7	5	5	6	11	14	14	17	17
LEAD	5	9	9	6	9	13	11	11	5	5
TIN	2	2	0	0	2	1	0	0	1	1
MOLYBDENUM	89	81	74	87	73	82	83	83	95	95
NICKEL	1	1	1	1	0	1	1	1	1	1
MANGANESE	0	0	0	0	0	0	0	0	0	0
SILVER	0	0	0	0	0	0	0	0	0	0
TITANIUM	0	0	0	0	0	0	0	0	0	0
POTASSIUM	5	2	0	1	2	1	0	0	2	2
BORON	207	143	188	192	129	75	68	68	129	129
SILICON	3	4	4	4	3	3	4	4	7	7
SODIUM	5	5	5	2	5	9	6	6	7	7
CALCIUM	2459	2313	2460	2215	2012	2416	2313	2313	2523	2523
MAGNESIUM	12	15	13	13	13	15	24	24	70	70
PHOSPHORUS	1402	1154	1289	1277	1017	1026	911	911	957	957
ZINC	1599	1389	1523	1520	1147	1387	1159	1159	1011	1011
BARIIUM	0	0	0	0	0	0	0	0	0	0

Values Should Be*

SUS-Viscosity @ 210°F	100.7	80-109	99.5	89.7	89.7	80.7	83.3
cSt Viscosity @ 100°C	20.53	15.5-21.3	20.25	17.90	17.91	15.71	16.35
Flashpoint in °F	415	≥385	425	370	415	430	410
Fuel %	<0.5	≤2.0	<0.5	0.8	<0.5	<0.5	<0.5
Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Insolubles %	0.2	≤0.6	0.2	0.3	0.1	0.3	0.3
TBN							6.0
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE