



OIL REPORT

LAB NUMBER: E26910
 REPORT DATE: 9/15/2010
 CODE: 44/75

UNIT ID: PORSCHE 996
 CLIENT ID: 38460
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Porsche 3.4L Flat 6 Cylinder	OIL TYPE & GRADE: Mobil 1 15W/50
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,550 Miles
	ADDITIONAL INFO: 2000 Porsche 911 with M96 3.4L	

CLIENT	JOOST PERQUIN	PHONE: (832) 419-4655
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	THE WOODLANDS, TX 77382	ALT PHONE:
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COMMENTS
 JOOST: It's nice to see one of these engines that is well taken care of, as that's not always the case. You added 1,500 miles to your oil run this time and the 3.4L engine didn't mind at all. Universal averages show typical wear levels for this type of engine after about 4,200 miles on the oil. Since you ran shorter than that we'd expect lower wear. The fact that you race this car makes these results look even better. The viscosity was in the 10W/30 range, but that didn't hurt anything. The air and oil filters kept up nicely. Another good report.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,550	UNIT / LOCATION AVERAGES	1,029	3,283	1,000	5,000	UNIVERSAL AVERAGES
	MI/HR on Unit	56,000		53,000	51,000	50,000	30,000	
	Sample Date	08/28/10		05/16/10	03/07/10	11/25/09	11/16/09	
	Make Up Oil Added	0 qts		0.5 qt	0.5 qt			
ALUMINUM	4	4	3	5	4	5	4	
CHROMIUM	0	1	0	1	1	1	0	
IRON	8	9	8	9	9	9	10	
COPPER	3	2	2	2	2	3	8	
LEAD	2	5	3	6	4	11	2	
TIN	0	1	2	0	1	0	1	
MOLYBDENUM	103	94	104	101	90	72	93	
NICKEL	0	0	0	0	0	0	0	
MANGANESE	2	14	6	21	25	16	1	
SILVER	0	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	0	
POTASSIUM	3	2	2	2	3	1	2	
BORON	81	82	81	84	99	66	123	
SILICON	6	6	5	6	6	8	8	
SODIUM	6	4	3	4	4	4	7	
CALCIUM	2601	2658	2663	2820	2690	2518	2596	
MAGNESIUM	11	12	11	13	12	13	65	
PHOSPHORUS	1089	1089	1119	1143	1042	1053	907	
ZINC	1224	1283	1450	1317	1273	1149	1094	
BARIUM	0	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	66.7	78-95	73.3	74.6	71.7	75.4
	cSt Viscosity @ 100°C	12.07	15.0-19.4	13.82	14.15	13.41	14.35
Flashpoint in °F	430	>380	405	395	420	375	
Fuel %	<0.5	<2.0	<0.5	<0.5	<0.5	TR	
Antifreeze %	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	
Insolubles %	0.1	<0.6	0.1	0.1	0.3	0.1	
TBN							
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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