



OIL REPORT

LAB NUMBER: E50887
 REPORT DATE: 4/6/2011
 CODE: 20/75

UNIT ID: JEFF1
 CLIENT ID: 47337
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Porsche 5.0L V-8	OIL TYPE & GRADE: Royal Purple 10W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO: 1990 928	

CLIENT	JEFFREY AND SHERRY SPAHN	PHONE: (563) 557-7116
	1595 GERALDINE DRIVE	FAX:
	DEBUQUE, IA 52003	ALT PHONE:
		EMAIL: jspahn@mac.com

COMMENTS JEFFREY/SHERRY: Universal averages show normal wear for the Porsche 5.0L engine after ~3,500 miles on the oil. You ran your oil longer and you're still getting pretty average wear. You mentioned that you just had some work done, and it's possible the elevated silicon level shows that some dirt got in the engine, or silicon could be from sealers used during reassembly. You could check the air filter, just to make sure there's not a problem there. The viscosity was a pinch low, but it's not causing problems as far as we can tell. Go 6,500 miles next time and resample.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	120,000						
	Sample Date	03/25/11						
	Make Up Oil Added	0 qts						
ALUMINUM	7	7					5	
CHROMIUM	4	4					2	
IRON	9	9					7	
COPPER	4	4					6	
LEAD	3	3					3	
TIN	0	0					0	
MOLYBDENUM	122	122					51	
NICKEL	1	1					0	
MANGANESE	1	1					0	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	3	3					1	
BORON	17	17					66	
SILICON	22	22					5	
SODIUM	7	7					6	
CALCIUM	2009	2009					2238	
MAGNESIUM	933	933					307	
PHOSPHORUS	806	806					1026	
ZINC	894	894					1213	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	57.9	59-65				
	cSt Viscosity @ 100°C	9.62	9.9-11.9				
	Flashpoint in °F	395	>375				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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