



OIL REPORT

LAB NUMBER: R52665
 REPORT DATE: 9/6/2023
 CODE: 20/88

UNIT ID: 08 911 C4S
 CLIENT ID: 229467
 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Porsche 3.8L H-6	OIL TYPE & GRADE: Mobil 1 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,322 Miles
	ADDITIONAL INFO:	

CLIENT	[REDACTED]	
	[REDACTED]	

COMMENTS GARY: These results will serve as a good baseline for your Porsche's 3.8L. Universal averages show typical wear for this engine type after ~3,200 miles of oil use. After 3,322 miles, all of the metals came in within good wear ranges (less than 2X the universal average level), so there are no signs of poor wear at 23,317 miles. The low flashpoint revealed 1.0% fuel dilution, but this amount is harmless and often due to normal factors like lots of city driving. It might've helped thin the viscosity below 5W/40 spec, but the oil seemed to work well regardless. Good report, all in all.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,322	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	23,317						
	Sample Date	8/14/2023						
	Make Up Oil Added	1 qt						
	ALUMINUM	6	6					4
	CHROMIUM	1	1					1
	IRON	9	9					8
	COPPER	10	10					6
	LEAD	1	1					2
	TIN	2	2					1
	MOLYBDENUM	54	54					93
	NICKEL	0	0					0
	MANGANESE	1	1					1
	SILVER	0	0					0
	TITANIUM	0	0					1
	POTASSIUM	3	3					2
	BORON	157	157					140
	SILICON	6	6					6
	SODIUM	7	7					7
	CALCIUM	2563	2563					2651
	MAGNESIUM	47	47					73
	PHOSPHORUS	799	799					913
	ZINC	918	918					1024
	BARIUM	0	0					0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	61.0	65-78				
		cSt Viscosity @ 100°C	10.50	11.6-15.3			
	Flashpoint in °F	375	>385				
	Fuel %	1.0	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	0.0				
	Insolubles %	0.1	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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