



OIL REPORT

LAB NUMBER: [REDACTED]
 REPORT DATE: 6/5/2023
 CODE: [REDACTED]

UNIT ID: 06 CARRERA S
 CLIENT ID: [REDACTED]
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Porsche 3.8L H-6	OIL TYPE & GRADE: Castrol Edge 5W/40 Euro
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,866 Miles
	ADDITIONAL INFO: 997.1 C2S	

CLIENT	[REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX:
	[REDACTED]	ALT PHONE:
	[REDACTED]	EMAIL: [REDACTED]

COMMENTS [REDACTED]: The third report for your C2S is another great one. Iron and copper are continuing to decrease, showing less and less wear at steel and brass/bronze parts. The other wear metals are stable at good levels compared to averages, so the wear profile as a whole looks great at 27,208 miles. The oil's physical properties checked out, too. The viscosity was in the correct range for 5W/40. The flashpoint test didn't uncover excess fuel or water contamination. Insolubles at 0.2% show that the oil filter was effective. You've got a good thing going with this 3.8L flat-six.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,866	UNIT / LOCATION AVERAGES	3,299	5,936	UNIVERSAL AVERAGES
	MI/HR on Unit	27,208		24,154	20,855	
	Sample Date	5/6/2023		2/15/2021	9/18/2019	
	Make Up Oil Added	0 qts		0.5 qts	0.5 qts	
ALUMINUM	4	4	3	4	4	
CHROMIUM	1	1	1	1	1	
IRON	6	10	10	13	8	
COPPER	4	7	7	10	6	
LEAD	1	1	1	0	2	
TIN	1	1	1	1	1	
MOLYBDENUM	101	40	3	15	93	
NICKEL	0	0	0	0	0	
MANGANESE	0	0	0	0	1	
SILVER	0	0	0	0	0	
TITANIUM	15	5	0	0	1	
POTASSIUM	0	1	1	1	2	
BORON	72	73	64	82	140	
SILICON	8	8	10	6	6	
SODIUM	3	5	3	8	7	
CALCIUM	2315	2567	2723	2662	2661	
MAGNESIUM	11	15	15	20	68	
PHOSPHORUS	949	909	899	879	914	
ZINC	1082	1041	1070	970	1027	
BARIUM	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	65.1	65-78	67.7	67.4
	cSt Viscosity @ 100°C	11.65	11.6-15.3	12.35	12.25
	Flashpoint in °F	395	>385	435	400
	Fuel %	<0.5	<2.0	<0.5	<0.5
	Antifreeze %	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.1	0.1
	TBN				6.2
	TAN				
	ISO Code				

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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