



OIL REPORT

LAB NUMBER:
 REPORT DATE: 4/22/2022
 CODE: 44/68

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Porsche 3.8L H-6	OIL TYPE & GRADE: Driven DT40 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,000 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS Your 911 is developing a nice first trend. Wear metals are about the same as we found in the first sample, and that's another sign this flat six is doing well. The slight increases in iron and copper are perfectly fine. It's normal to see some fluctuation in metals due to small differences in operation from one interval to the next We see no signs of a developing problem on this end. This 5W/40 is free of measurable fuel and coolant, and the low silicon and insolubles are both a testament to proper air and oil filtration. Looking good so far!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,000	UNIT / LOCATION AVERAGES	3,000						UNIVERSAL AVERAGES
	MI/HR on Unit	73,786		70,064						
	Sample Date	4/10/2022		8/6/2021						
	Make Up Oil Added	1 qt		1 qt						
ALUMINIUM	2	2	2							4
CHROMIUM	1	1	1							1
IRON	7	7	6							9
COPPER	5	5	4							7
LEAD	0	0	0							2
TIN	1	1	0							1
MOLYBDENUM	521	468	414							84
NICKEL	0	0	0							0
MANGANESE	0	0	0							1
SILVER	0	0	0							0
TITANIUM	1	1	1							1
POTASSIUM	1	1	1							2
BORON	130	123	116							138
SILICON	7	6	5							6
SODIUM	6	6	5							7
CALCIUM	1894	1905	1915							2686
MAGNESIUM	9	14	18							56
PHOSPHORUS	1093	1067	1040							911
ZINC	1214	1193	1172							1027
BARIUM	0	0	0							0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	69.6	65-78	69.7					
	cSt Viscosity @ 100°C	12.84	11.6-15.3	12.88					
	Flashpoint in °F	420	>385	420					
	Fuel %	<0.5	<2.0	<0.5					
	Antifreeze %	0.0	0.0	0.0					
	Water %	0.0	0.0	0.0					
	Insolubles %	0.3	<0.6	0.2					
	TBN								
	TAN								
	ISO Code								

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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