



OIL REPORT

LAB NUMBER: N15842
 REPORT DATE: 3/3/2021
 CODE: 20/68

UNIT ID: 17 911
 CLIENT ID: 156972
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Porsche 3.0L H-6 Twin Turbo	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,553 Miles
	ADDITIONAL INFO: 991.2, [REDACTED]	

CLIENT	[REDACTED]
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COMMENTS RICHARD: This is another good one for your 911. Some say the first sample is a good way to know what's going on in the engine, but one could argue the second sample is the one that really sheds light on matters because it shows what direction metals are headed. In this case, you used a shorter run and wear metals are lower, just as we'd expect. That means there aren't any internal issues, and there isn't any poor wear taking place. The viscosity is a little low for 0W/40 oil, but if that's our only gripe, then the engine is in great shape. Keep up the good work!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,553	UNIT / LOCATION AVERAGES	6,609					
	MI/HR on Unit	28,706		25,153					UNIVERSAL AVERAGES
	Sample Date	2/8/2021		1/31/2020					
	Make Up Oil Added	0 qts		0 qts					
ALUMINUM	3	4	4						6
CHROMIUM	0	0	0						0
IRON	5	7	9						9
COPPER	2	4	6						6
LEAD	0	0	0						0
TIN	0	0	0						1
MOLYBDENUM	73	71	68						70
NICKEL	0	0	0						0
MANGANESE	0	0	0						2
SILVER	0	0	0						0
TITANIUM	0	0	0						0
POTASSIUM	1	2	2						2
BORON	241	215	188						197
SILICON	3	3	3						4
SODIUM	4	4	4						5
CALCIUM	2921	2820	2718						2494
MAGNESIUM	23	23	23						31
PHOSPHORUS	861	842	823						842
ZINC	974	950	925						927
BARIUM	0	0	0						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	62.4	63-76	59.7				
	cSt Viscosity @ 100°C	10.90	11.1-14.8	10.14				
	Flashpoint in °F	385	>375	385				
	Fuel %	<0.5	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.2	<0.6	0.1				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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