



OIL REPORT

LAB NUMBER: M22035

UNIT ID: 11 911

REPORT DATE: 4/30/2020

CLIENT ID: 142574

CODE: 63/698

PAYMENT: CC: MC

UNIT	MAKE/MODEL: Porsche 3.8L H-6 DFI	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,804 Miles
	ADDITIONAL INFO: 997.2	

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

COMMENTS CHRISTOPHER: Thanks for the notes. Prolong is one of those additives that doesn't typically stand out in our analysis, and that's fine. Like most additives, it's harmless so feel free to use it if you like it. Wear metals didn't change much compared to last time, and that's after keeping this oil in use for a longer oil change interval. That means internal parts are in good shape, and they didn't mind the longer run at all. The viscosity is a little low again and there is some fuel, but neither is a big concern at this level. The TBN read 4.5 - plenty strong. Try going 6,000 miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,804	UNIT / LOCATION AVERAGES	3,263	UNIVERSAL AVERAGES
	MI/HR on Unit	30,477		26,673	
	Sample Date	4/20/2020		4/28/2019	
	Make Up Oil Added	0 qts		0 qts	
ALUMINUM	2	2	2	5	
CHROMIUM	0	0	0	0	
IRON	7	7	7	9	
COPPER	3	3	2	7	
LEAD	0	0	0	1	
TIN	1	1	0	1	
MOLYBDENUM	64	62	60	95	
NICKEL	0	0	0	0	
MANGANESE	0	0	0	2	
SILVER	0	0	0	0	
TITANIUM	0	0	0	0	
POTASSIUM	1	2	3	3	
BORON	165	174	183	156	
SILICON	2	2	2	4	
SODIUM	6	5	4	6	
CALCIUM	2419	2461	2503	2724	
MAGNESIUM	130	101	71	28	
PHOSPHORUS	760	770	779	878	
ZINC	835	836	836	987	
BARIUM	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	61.2	63-76	61.6
	cSt Viscosity @ 100°C	10.56	11.1-14.8	10.67
	Flashpoint in °F	370	>375	385
	Fuel %	TR	<2.0	<0.5
	Antifreeze %	0.0	0.0	0.0
	Water %	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.2
	TBN	4.5	>1.0	4.7
	TAN			
	ISO Code			

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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