



OIL REPORT

LAB NUMBER: M84153 UNIT ID: 12 CAYMAN R
 REPORT DATE: 11/17/2020 CLIENT ID: 170809
 CODE: 20/68 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Porsche 3.4L H-6 DFI	OIL TYPE & GRADE: Mobil 1 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 500 Miles
	ADDITIONAL INFO:	

CLIENT	DAVID RANKIN	PHONE: (304) 707-4448
	295 PATIENCE WAY	FAX:
	MARTINSBURG, WV 25403	ALT PHONE:
		EMAIL: www.technodocs@yahoo.com, drankindo@gmail.com

COMMENTS DAVID: If the over-rev caused any issues, there's no evidence of it in your Cayman's oil. Averages for the 3.4L H-6 DFI are based on oil run for about 4,000 miles, and wear metals in your sample are right about where we'd expect them to be after only 500 miles of use. Because of that, we have no concerns about excess wear or any problems in the works, and your engine appears to be doing fine. There was no significant contamination from fuel or coolant, and insolubles (oxidized solids) show effective oil filtration at 0.1%. The viscosity read in spec for 0W/40. Nice report!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	500	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	22,070						
	Sample Date	10/31/2020						
	Make Up Oil Added	0 qts						
ALUMINUM	3	3					4	
CHROMIUM	0	0					0	
IRON	4	4					9	
COPPER	1	1					4	
LEAD	0	0					1	
TIN	0	0					1	
MOLYBDENUM	78	78					93	
NICKEL	0	0					0	
MANGANESE	0	0					1	
SILVER	0	0					0	
TITANIUM	0	0					1	
POTASSIUM	0	0					2	
BORON	272	272					149	
SILICON	3	3					4	
SODIUM	4	4					6	
CALCIUM	3098	3098					2674	
MAGNESIUM	23	23					39	
PHOSPHORUS	970	970					882	
ZINC	1064	1064					988	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	63.4	63-76				
	cSt Viscosity @ 100°C	11.17	11.1-14.8				
	Flashpoint in °F	415	>375				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	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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