

OIL REPORT LAB NUMBER:
REPORT DATE: 7/15/2021

CODE: 1/68

CLIENT ID:

UNIT ID:

EQUIP. MAKE/MODEL: Mercedes Benz 2.0L Turbo M270/M2 OIL TYPE & GRADE: 5W/40 FUEL TYPE: Gasoline (Unleaded) OIL USE INTERVAL: 3,000 Miles

ADDITIONAL INFO:

L

PHONE: FAX:

ALT PHONE: EMAIL:

SMMENTS

Another good one! The engine still looks to be doing quite well in terms of wear, as metals are either on part with last time (aluminum) or a little lower (iron/copper), showing that the internal parts have been getting along well together over the last year and a half. The only result that's a little out of line is the viscosity, which came back below a 5W/40, but that's not a big deal. Some smaller turbo-charged engines have a tendency to thin the oil like this, and it's clearly not bothering anything. No fuel, water, or coolant contamination was found. Nice report.

	MI/HR on Oil	3,000	UNIT / LOCATION	4,300			
	MI/HR on Unit	22,400		10,700			UNIVERSAL
	Sample Date	6/27/2021		1/26/2020			AVERAGES
	Make Up Oil Added	0 qts		0 qts			
O	ALUMINUM	2	2	2			3
Ĭ	CHROMIUM	0	0	0			0
	IRON	7	7	9			13
2	COPPER	1	2	4			3
П	LEAD	0	0	0			0
Δ.	TIN	0	0	0			0
TS	MOLYBDENUM	1	1	1			57
ΔR	NICKEL	0	0	0			0
Δ	MANGANESE	0	0	1			1
Z	SILVER	0	0	0			0
S	TITANIUM	1	1	2			1
늗	POTASSIUM	1	1	0			2
EME	BORON	44	42	11			92
	SILICON	8	9	9			13
ш	SODIUM	5	4	3			5
	CALCIUM	2858	2718	2752			2397
	MAGNESIUM	13	15	17			104
	PHOSPHORUS	928	882	797			841
	ZINC	1030	972	886			948
	BARIUM	0	0	0			0

Values

Should Be*

	SUS Viscosity @ 210°F	64.5	65-78	68.8		
S	cSt Viscosity @ 100°C	11.47	11.6-15.3	12.64		
	Flashpoint in °F	410	>385	390		
믬	Fuel %	<0.5	<2.0	<0.5		
PER [.]	Antifreeze %	0.0	0.0	0.0		
PE	Water %	0.0	0.0	0.0		
RO	Insolubles %	0.1	<0.6	0.1		
Д	TBN			7.3		
	TAN					
	ISO Code					

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE