



OIL REPORT

LAB NUMBER: S006464
 REPORT DATE: 1/17/2024
 CODE: 146/88

UNIT ID: 12 E63
 CLIENT ID: 237607
 PAYMENT: Verbal, Faiz

UNIT	MAKE/MODEL: Mercedes AMG 5.5L V-8 Twin-Turbo M	OIL TYPE & GRADE: Liqui Moly 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,000 Miles
	ADDITIONAL INFO:	

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

COMMENTS
 The debut report from your Mercedes is a good one! Universal averages are on the far right, and they show typical wear for the M157 engine after ~5,300 miles of oil use. This oil was run much longer, so it's impressive to see metals testing only a bit higher than averages. Everything here points to a nicely wearing engine. There's no contamination to note, and insolubles at 0.2% show the oil filter wasn't used up. If you want to run longer, feel free to put 12K miles on the next fill before resampling. Nice engine!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	100,000						
	Sample Date	12/12/2023						
	Make Up Oil Added	1 qt						
ALUMINUM	8	8					5	
CHROMIUM	1	1					1	
IRON	22	22					14	
COPPER	1	1					2	
LEAD	1	1					0	
TIN	2	2					2	
MOLYBDENUM	323	323					57	
NICKEL	0	0					0	
MANGANESE	2	2					3	
SILVER	0	0					0	
TITANIUM	0	0					1	
POTASSIUM	3	3					1	
BORON	332	332					120	
SILICON	14	14					8	
SODIUM	27	27					5	
CALCIUM	2481	2481					2593	
MAGNESIUM	609	609					192	
PHOSPHORUS	1023	1023					888	
ZINC	1086	1086					1002	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	66.0	65-78				
	cSt Viscosity @ 100°C	11.87	11.6-15.3				
	Flashpoint in °F	400	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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