



OIL REPORT

LAB NUMBER:
 REPORT DATE: 3/30/2017
 CODE: 20/32

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Mercedes Benz 3.0L V-6	OIL TYPE & GRADE: Liqui Moly Top Tec 4200 5W/30
	FUEL TYPE: Diesel	OIL USE INTERVAL: 7,600 Miles
	ADDITIONAL INFO: 2008	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS Hey, your E320 is looking good. We always say it takes three samples to make a trend, and you're only on #2, but so far the numbers are very steady. That's excellent. It's nice for wear to read around averages, but not all engines wear like averages. The way they're used has a lot to do with how much metal they produce. What we really want to see, as your sampling trend builds, is little change in the numbers, and that's exactly what turned up. Even fuel is the same at 1.0% - that's a harmless level, so no worries there. Great report all around.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,600	UNIT / LOCATION AVERAGES	7,000				UNIVERSAL AVERAGES
	MI/HR on Unit	137,600		130,000				
	Sample Date	3/16/2017		11/11/2016				
	Make Up Oil Added	0 qts		0 qts				
ALUMINUM	7	7	7					7
CHROMIUM	2	2	1					1
IRON	52	53	54					46
COPPER	1	2	2					4
LEAD	0	0	0					1
TIN	0	0	0					1
MOLYBDENUM	2	4	5					48
NICKEL	0	0	0					1
MANGANESE	1	1	1					1
SILVER	0	0	0					0
TITANIUM	1	1	1					1
POTASSIUM	2	4	6					4
BORON	4	7	9					67
SILICON	3	3	3					6
SODIUM	4	9	13					5
CALCIUM	1449	1484	1519					1587
MAGNESIUM	5	7	9					252
PHOSPHORUS	667	662	657					834
ZINC	736	737	738					983
BARIUM	0	0	0					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	62.7	57-65	60.1			
	cSt Viscosity @ 100°C	10.99	9.4-11.9	10.25			
	Flashpoint in °F	400	>410	400			
	Fuel %	1.0	<2.0	1.0			
	Antifreeze %	0.0	0.0	0.0			
	Water %	0.0	<0.1	0.0			
	Insolubles %	0.3	<0.6	0.4			
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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