



OIL REPORT

LAB NUMBER: E08059
REPORT DATE: 3/31/2010
CODE: 20/284

UNIT ID: 4JGBB25E69A
CLIENT ID: 25570
PAYMENT: CC: Visa

UNIT

EQUIP. MAKE/MODEL: Mercedes Benz 3.2L CDI
FUEL TYPE: Diesel
ADDITIONAL INFO: 2009

OIL TYPE & GRADE: Mobil 1 5W/40 ESP
OIL USE INTERVAL: 5 Miles

CLIENT

drivbiwire

COMMENTS

PETER: With only 5 miles on the oil, we'd expect to see a sample similar to virgin oil and that is essentially what we got here. The low readings that did turn up are likely from carry over from the previous oil (up to 20% can be left behind). We are very glad to see you haven't changed this oil out, as it has several thousand miles left on it at least. In fact we think you could try running this oil up to 7,000 to 8,000 miles. We think your Mercedes will still look good at that point. The oil was in good shape physically, as new oil should be, and was free of any harmful contamination.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5	UNIT / LOCATION AVERAGES	5,470					UNIVERSAL AVERAGES
	MI/HR on Unit	9,193		5,470					
	Sample Date	03/27/10		08/21/09					
	Make Up Oil Added			0 qts					
ALUMINUM	1	9		12					4
CHROMIUM	0	3		3					2
IRON	6	97		101					40
COPPER	0	8		10					3
LEAD	0	2		1					2
TIN	0	3		1					0
MOLYBDENUM	85	93		97					72
NICKEL	0	1		1					1
MANGANESE	0	2		3					0
SILVER	0	0		0					0
TITANIUM	0	0		0					0
POTASSIUM	1	10		15					5
BORON	219	96		55					105
SILICON	5	18		20					4
SODIUM	3	7		7					4
CALCIUM	1015	1576		1792					2179
MAGNESIUM	4	14		14					62
PHOSPHORUS	679	603		587					871
ZINC	815	734		744					1043
BARIUM	0	0		0					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	67.1	66-78	64.6				
	cSt Viscosity @ 100°C	12.17	11.9-15.3	11.49				
	Flashpoint in °F	445	>410	420				
	Fuel %	<0.5	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	<0.1	0.0				
	Insolubles %	TR	<0.8	0.3				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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