



OIL REPORT

LAB NUMBER: H67386

UNIT ID: 2008 M3

REPORT DATE: 7/29/2016

CLIENT ID: 98344

CODE: 63/32

PAYMENT: Prepaid

UNIT	MAKE/MODEL: BMW 4.0L (S65B40) V-8 2008-2011	OIL TYPE & GRADE: Castrol 10W/60
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,000 Miles
	ADDITIONAL INFO:	

CLIENT	VLADISLAV KULCHITSKI	PHONE: (603) 557-8767
	20A NW BLVD	FAX:
	#118	ALT PHONE:
	NASHUA, NH 03063	EMAIL: kulchitski@gmail.com

COMMENTS VLAD: No problems turned up in the first sample from your M3. Universal averages show typical wear levels for the S65 engine after ~5,800 miles on the oil, and with a longer oil run, you're getting better-than-average wear. That's a great indication your BMW is problem-free. The viscosity measured as expected, and no fuel, water, or signs of coolant were found. Insolubles read nice and low at a trace indicating excellent oil filtration. The low silicon level shows the air filter wasn't slacking either. This is a great report for your BMW. Just check back to build trends.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	88,000						
	Sample Date	7/18/2016						
	Make Up Oil Added							
ALUMINUM	3	3					4	
CHROMIUM	0	0					0	
IRON	4	4					8	
COPPER	2	2					2	
LEAD	4	4					8	
TIN	0	0					1	
MOLYBDENUM	169	169					124	
NICKEL	2	2					1	
MANGANESE	0	0					1	
SILVER	0	0					0	
TITANIUM	38	38					20	
POTASSIUM	2	2					2	
BORON	25	25					53	
SILICON	3	3					4	
SODIUM	13	13					7	
CALCIUM	2523	2523					2556	
MAGNESIUM	11	11					134	
PHOSPHORUS	763	763					839	
ZINC	871	871					990	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	91.4	80-100				
	cSt Viscosity @ 100°C	18.31	15.5-20.6				
	Flashpoint in °F	390	>370				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	TR	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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