



# OIL REPORT

LAB NUMBER: [REDACTED]  
 REPORT DATE: 12/5/2018  
 CODE: [REDACTED]

UNIT ID: 08 M5  
 CLIENT ID: [REDACTED]  
 PAYMENT: [REDACTED]

<b>UNIT</b>	MAKE/MODEL: BMW 5.0L (S85B50) V-10	OIL TYPE & GRADE: Castrol Edge Supercar 10W/60
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,200 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	[REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX: [REDACTED]
	[REDACTED]	ALT PHONE: [REDACTED]
	[REDACTED]	EMAIL: [REDACTED]
	[REDACTED]	

**COMMENTS** [REDACTED] Good news on the rod bearing front! Copper and lead are both reading at fairly low levels, so there isn't any sign of a problem in that area. You'll find that the other metals are also in good shape for the interval once you consider that our universal averages (far right column) are taken after only a slightly longer oil run of ~5,200 miles. Your engine is truly wearing well for the type, so it looks to be strong and healthy from a mechanical perspective. No fuel or coolant was found in the used oil, and its viscosity is in spec for the grade. All around, a nice first report!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	4,200	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	75,140						
	Sample Date	11/25/2018						
	Make Up Oil Added							
ALUMINUM	1	1					4	
CHROMIUM	0	0					0	
IRON	4	4					7	
COPPER	1	1					2	
LEAD	5	5					8	
TIN	0	0					1	
MOLYBDENUM	65	65					91	
NICKEL	1	1					0	
MANGANESE	1	1					2	
SILVER	0	0					0	
TITANIUM	7	7					12	
POTASSIUM	1	1					4	
BORON	25	25					50	
SILICON	3	3					4	
SODIUM	14	14					10	
CALCIUM	2291	2291					2512	
MAGNESIUM	19	19					75	
PHOSPHORUS	895	895					856	
ZINC	1084	1084					994	
BARIUM	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	90.6	80-100				
	cSt Viscosity @ 100°C	18.12	15.5-20.6				
	Flashpoint in °F	410	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	TR	<0.6				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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