



OIL REPORT

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

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

UNIT

MAKE/MODEL: BMW 5.0L (S85B50) V-10
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Castrol Edge Supercar 10W/60
OIL USE INTERVAL: 4,200 Miles

CLIENT



PHONE: [REDACTED]
FAX: [REDACTED]
ALT PHONE: [REDACTED]
EMAIL: [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!

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

Values
Should Be*

PROPERTIES	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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