



OIL REPORT

LAB NUMBER: H53768

UNIT ID: 08 M3 MONTGOMERY

REPORT DATE: 5/27/2016

CLIENT ID: 90355

CODE: 1/37

PAYMENT: CC: AmEx (Bulk)

UNIT	MAKE/MODEL: BMW 4.0L (S65B40) V-8 2008-2011	OIL TYPE & GRADE: Gasoline Engine Oil
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: Miles
	ADDITIONAL INFO:	

CLIENT	BRIAN KLESEL	PHONE: (978) 388-9595
	TURNER SERVICE INC	FAX:
	16 HUNT ROAD SOUTH	ALT PHONE:
	UNIT 1A, FRONT DOOR	EMAIL: brian@turnermotorsport.com, brian@turnermotorsport.com
	AMESBURY, MA 01913	

COMMENTS	BRIAN: Wear metals look good in this sample, from what we can see. You noted some small metallic particles in the oil filter, though any time you can see metals, they're too large for our machine to read. In those cases, then, our report may not be telling the full story. But from what we can see here, wear metals all look fine compared to averages, and there's nothing here that looks like trouble. Averages for this engine type are based on about 5,800 miles on the oil. The trace of fuel is no problem. Keep watching for metals and let us know if the amount improves.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	63,562							
	Sample Date	5/2/2016							
	Make Up Oil Added								
	ALUMINUM	4	4						4
	CHROMIUM	0	0						0
	IRON	6	6						8
	COPPER	1	1						2
	LEAD	2	2						8
	TIN	0	0						1
	MOLYBDENUM	81	81						126
	NICKEL	0	0						1
	MANGANESE	0	0						1
	SILVER	0	0						0
	TITANIUM	7	7						21
	POTASSIUM	2	2						2
	BORON	84	84						53
	SILICON	4	4						4
	SODIUM	5	5						7
	CALCIUM	2345	2345						2562
	MAGNESIUM	29	29						143
	PHOSPHORUS	815	815						843
	ZINC	957	957						992
	BARIUM	0	0						0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	73.2					
	cSt Viscosity @ 100°C	13.80					
	Flashpoint in °F	375	>375				
	Fuel %	TR	<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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