



OIL REPORT

LAB NUMBER: J29018
 REPORT DATE: 5/5/2017
 CODE: 44/32

UNIT ID: 07 Z4 M COUPE
 CLIENT ID: 108772
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: BMW 3.2L (S54B32) I-6	OIL TYPE & GRADE: Liqui Moly 10W/60
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,750 Miles
	ADDITIONAL INFO:	

CLIENT	DAVID BEHR	PHONE: (602) 723-2090
	2646 E ASTER DR	FAX:
	PHOENIX, AZ 85032	ALT PHONE:
		EMAIL: djbehr@gmail.com

COMMENTS DAVID: You're probably right that the TBN's probably plenty strong. In fact, this oil is so clean (low in metals, insolubles, contamination...) that it could almost (almost) pass as virgin oil. So the TBN was probably pretty strong. Metals look great in this sample compared to averages, and honestly, your interval wasn't too far off from our average interval of about 4,800 miles. There was just a trace of fuel in the oil, but that's harmless and is likely just operational in nature. Go ahead and run up to about 7,000 miles for next time. Great first sample! No issues here.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,750	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	107,400						
	Sample Date	4/9/2017						
	Make Up Oil Added	0 qts						
ALUMINUM	1	1					4	
CHROMIUM	0	0					0	
IRON	5	5					10	
COPPER	2	2					8	
LEAD	5	5					5	
TIN	1	1					1	
MOLYBDENUM	12	12					75	
NICKEL	0	0					1	
MANGANESE	0	0					1	
SILVER	0	0					0	
TITANIUM	0	0					10	
POTASSIUM	0	0					2	
BORON	30	30					68	
SILICON	3	3					6	
SODIUM	3	3					7	
CALCIUM	2087	2087					2111	
MAGNESIUM	31	31					284	
PHOSPHORUS	770	770					835	
ZINC	880	880					995	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	82.7	80-100				
	cSt Viscosity @ 100°C	16.20	15.5-20.6				
	Flashpoint in °F	370	>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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