



OIL REPORT

LAB NUMBER: G87990
 REPORT DATE: 7/9/2015
 CODE: 44/75

UNIT ID: 08 3351
 CLIENT ID: 85089
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: BMW 3.0L (N54) Twin Turbo I-6 Cyl	OIL TYPE & GRADE: Pennzoil Platinum Euro 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,500 Miles
	ADDITIONAL INFO:	

CLIENT	JOSHUA MOSER	PHONE: (310) 733-8939
	8804 GUTHRIE AVE	FAX:
	LOS ANGELES, CA 90034	ALT PHONE:
		EMAIL: moserjoshua@yahoo.com

COMMENTS JOSHUA: We logged this sample in as Pennzoil Platinum Euro 5W/40 since that's what the viscosity measured. It was on the thin side, but that's probably because of the 5W/30 oil you used, which is fine. You warmed the car up prior to sampling, and that may be why some fuel showed up. That's okay since 0.8% is a harmless amount. Your metals look good next to universal averages, which are based on about 6,000 miles of oil use. Iron is low, despite the longer run, so your engine handled this interval very well. Try for 12,000 miles next and check back for trends.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,500	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	57,661						
	Sample Date	5/23/2015						
	Make Up Oil Added	1 qt						
ALUMINUM	7	7					6	
CHROMIUM	1	1					1	
IRON	26	26					27	
COPPER	7	7					12	
LEAD	0	0					1	
TIN	1	1					1	
MOLYBDENUM	87	87					128	
NICKEL	1	1					1	
MANGANESE	2	2					6	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	1	1					3	
BORON	73	73					62	
SILICON	10	10					5	
SODIUM	9	9					12	
CALCIUM	2966	2966					2319	
MAGNESIUM	18	18					127	
PHOSPHORUS	875	875					876	
ZINC	1118	1118					1033	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	65.7	65-78				
	cSt Viscosity @ 100°C	11.79	11.6-15.3				
	Flashpoint in °F	360	>375				
	Fuel %	0.8	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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