



P.O. NUMBER CC: Visa
 CODE: 20/15874/121

UNIT NUMBER K75
 REPORT DATE: 6/25/04
 LAB NUMBER: C21138

OIL REPORT

CLIENT	CONTACT:	PHONE: (732) 863-9500
	NAME: DON EILENBERGER	FAX:
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UNIT	EQUIPMENT MAKE: BMW Motorcylce	OIL USE INTERVAL: 6,000 Miles
	EQUIPMENT MODEL: K75S 740cc	OIL TYPE & GRADE: Mobil 1 15W/40 (Gas)
	FUEL TYPE: Gasoline (Unleaded)	MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO:	

COMMENTS DON: The TBN for your oil was 7.0, so there is plenty of active additive in the oil after the 6,000 mile oil use run. This is a diesel-use 15W/40, so it started out with a higher TBN than do most gas engine-use oils. Wear looks about perfect for your 55,555 mile engine. Universal averages show typical wear metals for an oil from this type of engine after about 4,000 miles run on the oil. Your oil was in use longer, and we found all wear at around average levels and in the correct balance to show normal mechanical parts inside. Air and oil filtration look okay. Nice wearing BMW!

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	6,000	UNIT / LOCATION AVERAGES							UNI VERSAL AVERAGES
	MI/HR ON UNIT	55,555								
	SAMPLE DATE	06/18/04								
ALUMINUM	3	3							4	
CHROMIUM	1	1							1	
IRON	13	13							14	
COPPER	3	3							6	
LEAD	2	2							5	
TIN	0	0							2	
MOLYBDENUM	64	64							6	
NICKEL	2	2							2	
MANGANESE	0	0							0	
SILVER	0	0							0	
TITANIUM	0	0							0	
POTASSIUM	0	0							0	
BORON	135	135							98	
SILICON	8	8							8	
SODIUM	7	7							6	
CALCIUM	2576	2576							1256	
MAGNESIUM	23	23							1227	
PHOSPHORUS	990	990							976	
ZINC	1148	1148							1132	
BARIUM	0	0							0	

PROPERTIES	TEST	cST VISCOSITY @ 40 °C	SUS VISCOSITY @ 100 °F	VISCOSITY INDEX	cST VISCOSITY @ 100 °C	SUS VISCOSITY @ 210 °F	FLASHPOINT IN °F	FUEL %	ANTIFREEZE %	WATER %	INSOLUBLES %
	VALUES SHOULD BE					67-78	>380	<2.0	0	<0.1	<0.8
	TESTED VALUES WERE					83.7	420	<0.5	0.0	0.0	0.4