



P.O. NUMBER CC: Visa (Prepaid)
CODE: 20/13187/121

OIL REPORT

UNIT NUMBER MROADSTER
REPORT DATE: 11/1/05
LAB NUMBER: C58963

CONTACT:
NAME: DANIEL W MCROBB
ADDRESS: 5917 LOCH LODEN DR
DEXTER, MI 48130

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EQUIPMENT MAKE: BMW
EQUIPMENT MODEL: 3.2L I-6 (S-54)
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL USE INTERVAL: 4,656 Miles
OIL TYPE & GRADE: Castrol TWS 10W/60
MAKE-UP OIL ADDED: 0 qts

DANIEL: We found a little gas in the oil this time, hardly more than just traces, and not enough to suggest a fuel system problem. You have added a few miles to the oil use interval this time and we think your should, as nicely as this engine is wearing. Our average oil sample from this type engine has 4,570 miles on it and you are beating average wear. It wouldn't hurt a thing to run 5,000 miles for the next sample, and you may even be able to go longer. The TBN for this oil was 4.5, still plenty high, and higher than the 3.4 we reported for the last sample. Nice engine!

MI/HR ON OIL	4,656	NIT /	3,445	4,312	3,476			
MI/HR ON UNIT	24,743	LOCATION	20,087	17,362	9,033			
SAMPLE DATE	10/21/05	AVERAGES	07/05/05	09/13/04	07/24/03			NIVERSAL
								AVERAGES
ALUMINUM	4	5	5	5	5			5
CHROMIUM	0	0	0	0	1			1
IRON	8	9	7	9	13			11
COPPER	4	5	4	4	8			7
LEAD	2	2	2	2	3			3
TIN	0	1	0	1	2			1
MOLYBDENUM	2	2	2	1	2			18
NICKEL	0	0	0	0	1			1
MANGANESE	1	3	1	3	7			2
SILVER	0	0	0	0	0			0
TITANIUM	0	0	0	0	0			0
POTASSIUM	1	1	2	0	0			1
BORON	98	109	119	116	103			89
SILICON	5	5	5	6	5			6
SODIUM	2	3	1	4	3			4
CALCIUM	1376	1559	1810	1454	1596			1712
MAGNESIUM	520	622	760	570	636			515
PHOSPHORUS	756	855	944	854	864			808
ZINC	878	982	1145	1001	903			962
BARIUM	0	0	0	0	0			0

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					90-117	>375	<1.0	0	0.0	<0.6
TESTED VALUES WERE					88.7	365	0.5	0.0	0.0	0.3