BLACKSTONE LABORATORIES

P.O. NUMBER
CODE:
CC: Visa (Prepaid)

UNIT NUMBER 06 EVO IX
REPORT DATE: 7/24/07
LAB NUMBER: DXXXXXX

OIL REPORT

CLIENT

CONTACT: DELETED
NAME: SWOLN
ADDRESS: DELETED

PHONE: DELETED
FAX: DELETED
E-MAIL: DELETED

UNIT

EQUIPMENT MAKE: Mitsubishi
EQUIPMENT MODEL: 2.0L 4-Cyl Turbo
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: Lancer

OIL USE INTERVAL: 6,000 Miles
OIL TYPE & GRADE: Alisyn 0W/20
MAKE-UP OIL ADDED:

COMMENTS

SWOLN: We generally find high wear in new engines (break-in) but what we found here is a bit too much. With lead reading this high we're guessing you're using racing fuel or an octane boost. If not the high iron, cooper, and lead point to excess bearing wear. Fuel was found at 2.8% and this level may indicate a fuel system problem developing. This level may have affected wear but we aren't convinced. If you do any racing or hard driving let us know. The TBN read 1.3, which shows little active additive was remaining. 1.0 is low. Check back to monitor.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR ON OIL	6,000							
MI/HR ON UNIT	12,000							
SAMPLE DATE	07/17/07							
ALUMINUM	7	7						4
CHROMIUM	1	1						1
IRON	**41**	41						13
COPPER	**14**	14						5
LEAD	**536**	536						1
TIN	2	2						1
MOLYBDENUM	8	8						97
NICKEL	0	0						0
MANGANESE	1	1						0
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	21	21						2
BORON	3	3						83
SILICON	19	19						15
SODIUM	3	3						8
CALCIUM	1963	1963						2311
MAGNESIUM	9	9						327
PHOSPHORUS	38	38						726
ZINC	319	319						833
BARIUM	0	0						1

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					46-59	>385	<2.0	0.0	<0.1	<0.6
TESTED VALUES WERE					47.2	**330**	**2.8**	0.0	0.0	0.4

LIABILITY LIMITED TO COST OF SAMPLE ANALYSIS

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