BLACKSTONE LABORATORIES

P.O. NUMBER Prepaid
CODE: 20/18613/37

UNIT NUMBER TRANS AM 00
REPORT DATE: 4/21/05
LAB NUMBER: C42870

OIL REPORT

CLIENT

CONTACT:
NAME: BRAD SETTLEMEYER
ADDRESS: 2457 NEILS EDDY ROAD
RIEGELWOOD, NC 28456

PHONE: (910) 612-7707
FAX:
E-MAIL: badta00@yahoo.com

UNIT

EQUIPMENT MAKE: GM LS-1/5
EQUIPMENT MODEL: 5.7L 346 CI V-8
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL USE INTERVAL: 3,390 Miles
OIL TYPE & GRADE: Mobil 1 5W/30 (Gas)
MAKE-UP OIL ADDED: 2 qts

COMMENTS

BRAD: Universal averages show typical wear metals from the GM LS-1 after about 4,100 miles on the oil. Your oil was in use less than average, and we found aluminum and iron wear high enough to suggest a piston scuffing problem. The other metals were at routine levels, so we aren't ready to call this a major problem, though we think it is something to keep an eye on, especially since your found iron on the magnet. This was Mobil 1 5W/30 with no gas or anti-freeze in it. Check back in 2,500 miles to monitor. Hopefully wear improves. This report will be sent US Mail as well.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR ON OIL	3,390							
MI/HR ON UNIT	60,947							
SAMPLE DATE	04/15/05							
ALUMINUM	**8**	8						4
CHROMIUM	2	2						1
IRON	**40**	40						14
COPPER	22	22						40
LEAD	6	6						7
TIN	2	2						2
MOLYBDENUM	77	77						54
NICKEL	2	2						1
MANGANESE	1	1						1
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	2	2						1
BORON	152	152						82
SILICON	11	11						9
SODIUM	8	8						7
CALCIUM	2695	2695						2226
MAGNESIUM	26	26						399
PHOSPHORUS	780	780						742
ZINC	906	906						885
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					55-62	>365	<2.0	0	<0.1	<0.6
TESTED VALUES WERE					61.1	385	<0.5	0.0	0.0	0.5

LIABILITY LIMITED TO COST OF SAMPLE ANALYSIS

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FORT WAYNE, IN 46806 (260) 744-2380