BLACKSTONE LABORATORIES

P.O. NUMBER Prepaid
CODE: 44/23168/37

OIL REPORT

UNIT NUMBER 05 FOCUS
REPORT DATE: 7/21/06
LAB NUMBER: C79409

CLIENT

CONTACT:
NAME:
ADDRESS:

PHONE:
FAX:
E-MAIL:

UNIT

EQUIPMENT MAKE: Ford
EQUIPMENT MODEL: 2.3L
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: Duratec

OIL USE INTERVAL: 5,047 Miles
OIL TYPE & GRADE: Motorcraft 5W/20 (Gas)
MAKE-UP OIL ADDED: 0 qts

COMMENTS

DON: Universal averages show typical wear metals for an oil from this type engine after about 4,165 miles run on the oil. Your oil was in use 5,047 miles, and we found all wear at around average levels and in the correct balance to show normal mechanical parts inside. Air and oil filtration (see silicon and insolubles) appear normal. This was 5W/20 engine oil with no gas, moisture or anti-freeze in it. The oil could have stayed in use longer. Try 6,000 miles for the next sample and check back to establish wear trends. Nice wearing Ford 2.3L engine!

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR ON OIL	5,047							
MI/HR ON UNIT	20,047							
SAMPLE DATE	07/02/06							
ALUMINUM	2	2						3
CHROMIUM	0	0						1
IRON	5	5						9
COPPER	3	3						7
LEAD	0	0						4
TIN	0	0						1
MOLYBDENUM	33	33						81
NICKEL	0	0						0
MANGANESE	0	0						1
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	1	1						1
BORON	109	109						50
SILICON	6	6						8
SODIUM	4	4						3
CALCIUM	1946	1946						2071
MAGNESIUM	7	7						97
PHOSPHORUS	625	625						729
ZINC	791	791						878
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					48-58	>370	<2.0	0	0.0	<0.6
TESTED VALUES WERE					52.2	395	<0.5	0.0	0.0	0.2

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LIABILITY LIMITED TO COST OF SAMPLE ANALYSIS

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