OIL REPORT

LAB NUMBER: E76897 **UNIT ID:** 07 FEH
REPORT DATE: 10/28/2011 **CLIENT ID:** 51395
CODE: 20/75 **PAYMENT:** CC: Visa

UNIT

MAKE/MODEL: Ford 2.3L 4-cyl Hybrid
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Motorcraft Synthetic 5W/20
OIL USE INTERVAL: 8,500 Miles

COMMENTS

DONALD: Everything looks good in the first sample from your Escape. All wear read close to or below universal averages and in the proper balance. Those averages are based on an oil run of ~10,400 miles for the 2.3L Hybrid engine. The oil was in good shape physically, containing no moisture, fuel, or coolant. Both silicon and insolubles (oil oxidation due to heat, use, and blow-by) read normally showing good air and oil filtration. If looks like this engine is doing quite well at 40,000 miles and should last you a very long time at this rate.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	8,500							
MI/HR on Unit	40,000							
Sample Date	10/20/11							
Make Up Oil Added	0 qts							
ALUMINUM	4	4						4
CHROMIUM	1	1						1
IRON	10	10						19
COPPER	5	5						5
LEAD	1	1						0
TIN	1	1						1
MOLYBDENUM	45	45						33
NICKEL	1	1						0
MANGANESE	1	1						1
SILVER	0	0						0
TITANIUM	0	0						5
POTASSIUM	0	0						2
BORON	77	77						49
SILICON	6	6						10
SODIUM	6	6						29
CALCIUM	2070	2070						2201
MAGNESIUM	11	11						10
PHOSPHORUS	618	618						625
ZINC	780	780						788
BARIUM	0	0						1

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	54.2	46-57					
cSt Viscosity @ 100°C	8.54	6.0-9.7					
Flashpoint in °F	370	>355					
Fuel %	<0.5	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.3	<0.6					
TBN							
TAN							
ISO Code							

*** THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE**

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