



OIL REPORT

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CODE: 20/286

PAYMENT: Prepaid

UNIT	MAKE/MODEL: Ford 4.6L V-8	OIL TYPE & GRADE: Mobil 1 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 7,500 Miles
	ADDITIONAL INFO:	

CLIENT	ERIC	PHONE:
		FAX:
		ALT PHONE:
		EMAIL:

COMMENTS ERIC: Iron and copper were both above average in the first sample from your Mustang. These metals are coming from steel and bronze parts, or maybe a steel-bronze interface. No harmful contaminants were found that would be causing the metals, so maybe they are from the long oil change. The TBN read 3.3, so you still had some active additive remaining. A TBN reading of 1.0 or lower is too low in our book. Universal averages for Ford's 4.6L are based on an oil run of 4500 miles. We suggest trying that next time and resampling to monitor. Hopefully metals will drop.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,500	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	25,865						
	Sample Date	04/18/09						
	Make Up Oil Added	0 qts						
ALUMINUM	3	3						3
CHROMIUM	1	1						1
IRON	40	40						14
COPPER	21	21						5
LEAD	0	0						2
TIN	2	2						0
MOLYBDENUM	91	91						59
NICKEL	1	1						1
MANGANESE	7	7						1
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	3	3						1
BORON	58	58						56
SILICON	18	18						15
SODIUM	9	9						12
CALCIUM	2720	2720						2198
MAGNESIUM	30	30						121
PHOSPHORUS	699	699						704
ZINC	943	943						852
BARIUM	2	2						1

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	53.2	49-58					
	cSt Viscosity @ 100°C	8.24	7.0-9.9					
	Flashpoint in °F	400	>355					
	Fuel %	<0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	0.0					
	Insolubles %	0.2	<0.5					
	TBN	3.3						
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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