



OIL REPORT

LAB NUMBER: E63434
 REPORT DATE: 7/18/2011
 CODE: 20/501

UNIT ID: 12 BOSS
 CLIENT ID: 46872
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Ford 5.0L 302 CID V-8	OIL TYPE & GRADE: Motorcraft Synthetic 5W/50
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 1,400 Miles
	ADDITIONAL INFO:	

CLIENT	RICH	PHONE:
		FAX:
		ALT PHONE:
		EMAIL:

COMMENTS RICH: This is the first oil change in your brand-new Ford Boss. We expect to see a lot of metal and other stuff in a factory oil like this one, but the only thing that really read out of line in the spectral exam was silicon. It's from sealers and sand-casted parts, and it will wash out with time. The metals will probably come down too, though even if they don't we'll think this engine is wearing well. A fair amount of fuel was present, though this probably too will improve with time. The TBN read 5.7, still very strong. You didn't have to change this oil, but we're glad you did.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	1,400	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit							
	Sample Date	07/10/11						
	Make Up Oil Added	0 qts						
ALUMINUM	8	8					8	
CHROMIUM	0	0					3	
IRON	30	30					51	
COPPER	27	27					24	
LEAD	6	6					1417	
TIN	0	0					2	
MOLYBDENUM	35	35					126	
NICKEL	1	1					1	
MANGANESE	19	19					1	
SILVER	0	0					0	
TITANIUM	1	1					2	
POTASSIUM	16	16					2	
BORON	321	321					68	
SILICON	36	36					12	
SODIUM	10	10					27	
CALCIUM	2081	2081					2757	
MAGNESIUM	7	7					27	
PHOSPHORUS	712	712					1060	
ZINC	825	825					1244	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	77.8	95-110				
	cSt Viscosity @ 100°C	14.97	19.2-22.9				
	Flashpoint in °F	395	>440				
	Fuel %	2.3	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN	5.7					
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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