



OIL REPORT

LAB NUMBER:
REPORT DATE:
CODE:

UNIT ID:
CLIENT ID:
PAYMENT:

UNIT	MAKE/MODEL: Ford 5.0L 302 CID V-8	OIL TYPE & GRADE: Synthetic 5W/50
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 1,115 Miles
	ADDITIONAL INFO: Mustang	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS CHRIS: Wear metals and silicon were high in this sample, though that's to be expected as a result of wear-in. The metals are from new parts breaking in, and silicon is from sealers and sand-casted parts. Now that this oil has been changed, we expect to see nice improvements in the future. Universal averages show normal wear for the Ford 5.0L engine after about 3,600 miles on the oil, and we expect your engine to look that good, or better, in a few oil changes. The viscosity measured in the 5W/40 or 15W/40 range. No fuel, water, coolant found.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	1,115	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	1,115						
	Sample Date	05/15/11						
	Make Up Oil Added	0 qts						
ALUMINUM	10	10					3	
CHROMIUM	0	0					1	
IRON	31	31					20	
COPPER	29	29					6	
LEAD	19	19					10	
TIN	3	3					1	
MOLYBDENUM	37	37					65	
NICKEL	1	1					1	
MANGANESE	18	18					1	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	20	20					1	
BORON	389	389					37	
SILICON	31	31					11	
SODIUM	9	9					31	
CALCIUM	1891	1891					1868	
MAGNESIUM	9	9					174	
PHOSPHORUS	654	654					738	
ZINC	842	842					896	
BARIUM	0	0					1	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	75.7	82-99				
	cSt Viscosity @ 100°C	14.43	16.0-20.4				
	Flashpoint in °F	400	>370				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.5				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com