



OIL REPORT

LAB NUMBER: E63433
 REPORT DATE: 7/18/2011
 CODE: 20/75

UNIT ID: MOTORCRAFT
 CLIENT ID: 46872
 PAYMENT: No Charge

UNIT	MAKE/MODEL: Virgin 5W/50	OIL TYPE & GRADE: Motorcraft Synthetic 5W/50
	FUEL TYPE:	OIL USE INTERVAL:
	ADDITIONAL INFO:	

CLIENT	RICH	PHONE:
		FAX:
		ALT PHONE:
		EMAIL:

COMMENTS RICH: Nothing unusual showed up in this sample of Motorcraft oil. No metals were present and the oil was in excellent shape physically. This oil should treat your engine well.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit							
	Sample Date	07/16/11						
	Make Up Oil Added							
ALUMINUM	0	0						0
CHROMIUM	0	0						0
IRON	0	0						1
COPPER	0	0						0
LEAD	0	0						0
TIN	0	0						0
MOLYBDENUM	28	28						221
NICKEL	0	0						0
MANGANESE	0	0						0
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	2	2						1
BORON	252	252						119
SILICON	2	2						16
SODIUM	1	1						26
CALCIUM	1471	1471						2175
MAGNESIUM	4	4						81
PHOSPHORUS	501	501						985
ZINC	613	613						1043
BARIIUM	0	0						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	100.5	87-105				
	cSt Viscosity @ 100°C	20.48	17.3-21.8				
	Flashpoint in °F	400	>360				
	Fuel %	-	<2.0				
	Antifreeze %	-	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.0	<0.7				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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