



P.O. NUMBER Prepaid
CODE: 20/28114/284

OIL REPORT

UNIT NUMBER 06 MSTNG GT
REPORT DATE: 9/13/07
LAB NUMBER: D16745

CLIENT	EQUIPMENT MAKE: Ford		OIL USE INTERVAL: 350 Miles
	EQUIPMENT MODEL: 4.6L V-8 24V		OIL TYPE & GRADE: Motorcraft Synthetic 5W/20
UNIT	FUEL TYPE: Gasoline (Unleaded)		MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO:		
COMMENTS	<p>MICHAEL: This engine is still pretty new at 9,897 total miles. As we gain more experience with your engine we'll be able to tell you more but for now, we see nothing too out of line. For an oil with only 350 miles on it wear could be considered high but it's likely from break-in. Universal averages are based on an oil run of ~4,300 miles. The viscosity of the sample was just slightly low for a 5W/20. No fuel, coolant, or moisture was found that would have caused the shift so we doubt it's a problem. Good luck racing. We think this engine will hold up just fine.</p>		

	MI/HR ON OIL	350	UNIT / LOCATION AVERAGES								UNIVERSAL AVERAGES
	MI/HR ON UNIT	9,897									
ELEMENTS IN PARTS PER MILLION	SAMPLE DATE	09/08/07									
	ALUMINUM	3	3								3
	CHROMIUM	0	0								1
	IRON	6	6								18
	COPPER	13	13								29
	LEAD	1	1								1
	TIN	0	0								0
	MOLYBDENUM	32	32								72
	NICKEL	0	0								1
	MANGANESE	1	1								2
	SILVER	0	0								0
	TITANIUM	0	0								0
	POTASSIUM	0	0								1
	BORON	162	162								58
	SILICON	7	7								14
	SODIUM	3	3								15
	CALCIUM	2011	2011								2373
	MAGNESIUM	10	10								18
	PHOSPHORUS	641	641								697
	ZINC	761	761								851
	BARIUM	0	0								2

PROPERTIES	TEST	cST VISCOSITY @ 40 °C	SUS VISCOSITY @ 100 °F	VISCOSITY INDEX	cST VISCOSITY @ 100 °C	SUS VISCOSITY @ 210 °F	FLASHPOINT IN °F	FUEL %	ANTIFREEZE %	WATER %	INSOLUBLES %
	VALUES SHOULD BE					50-57	>355	<2.0	0	0.0	<0.6
	TESTED VALUES WERE					49.6	385	<0.5	0.0	0.0	0.2