



# OIL REPORT

LAB NUMBER: D48374  
 REPORT DATE: 8/11/2008  
 CODE: 20/284

UNIT ID: EVO-E85  
 CLIENT ID: 32287  
 PAYMENT: CC: Visa

<b>UNIT</b>	EQUIP. MAKE/MODEL: Mitsubishi 2.0L 4-Cyl Turbo	OIL TYPE & GRADE: Mobil 1 10W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,000 Miles
	ADDITIONAL INFO: 2005 Lancer	

<b>CLIENT</b>	ANTHONY BERTAGNOLI	PHONE: (714) 577-4186
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	# B	ALT PHONE:
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**COMMENTS**  
 ANTHONY: This engine is looking good. The universal averages column shows typical wear from this type of engine after 3195 miles on the oil. The 91 octane put in has really jived with this engine, and there is nothing detrimentally noticeable apparent from the utilization of E85 in these results. Insolubles (carbon/misc solids) were normal at 0.5% showing good oil filtration and complete combustion. No harmful fuel dilution or moisture was found. All data indicate an engine at the top of its game. Try a 4K-mile run next and resample to build oil-use trend history.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	2,000	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	61,000						
	Sample Date	08/02/08						
	Make Up Oil Added	0.5 qt						
ALUMINUM	3	2					3	
CHROMIUM	0	0					0	
IRON	18	17					11	
COPPER	5	5					4	
LEAD	3	3					3	
TIN	0	1					1	
MOLYBDENUM	92	402					177	
NICKEL	2	1					0	
MANGANESE	0	0					4	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	2	2					3	
BORON	43	28					57	
SILICON	10	13					14	
SODIUM	7	9					14	
CALCIUM	2392	2196					2306	
MAGNESIUM	14	374					196	
PHOSPHORUS	742	876					780	
ZINC	915	1032					919	
BARIUM	1	1					1	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	61.2	59-68				
	cSt Viscosity @ 100°C	10.55	9.9-12.7				
	Flashpoint in °F	405	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	0.0				
	Insolubles %	0.5	<0.6				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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