



OIL REPORT

LAB NUMBER: D69455
 REPORT DATE: 3/18/2009
 CODE: 20/284

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

UNIT	EQUIP. MAKE/MODEL: Mitsubishi 2.0L 4-Cyl Turbo	OIL TYPE & GRADE: Mobil 1 10W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,056 Miles
	ADDITIONAL INFO: 2005 Lancer	

CLIENT	ANTHONY BERTAGNOLI	PHONE: (714) 577-4186
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	# B	ALT PHONE:
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COMMENTS
 TONY: Very little change since last sample. Wear improved slightly after 2,644 fewer miles oil use, and the balance of metals is correct for this engine type, which is a very good argument for all normal mechanical parts inside the engine. The viscosity was okay for a 10W/30 oil. No gas, moisture, or anti-freeze found. Insolubles were low at 0.2%, showing good oil filtration and no excessive blow-by. This was Mobil 1 oil and it appears to be working for you. At 70,856 total miles, your engine looks good and we think the oil could have been run longer. You've built nice trends.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,056	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	70,856	4,700	2,200	1,200	5,200	4,250	
	Sample Date	03/08/09	11/26/08	09/29/08	09/25/08	09/02/08	08/25/08	
	Make Up Oil Added	1 qt	0.5 qt	0.25 qt	0.25 qt	0.5 qt	0 qts	
ALUMINUM	2	2	2	2	2	3	4	3
CHROMIUM	0	0	0	0	0	1	0	0
IRON	14	17	22	10	8	22	22	11
COPPER	4	5	5	3	2	6	5	4
LEAD	1	3	2	0	0	8	6	3
TIN	1	1	0	1	1	2	1	1
MOLYBDENUM	278	402	749	622	622	98	102	177
NICKEL	1	1	1	1	1	2	2	0
MANGANESE	0	0	1	0	0	0	0	4
SILVER	0	0	0	0	0	0	0	0
TITANIUM	0	0	0	0	0	0	0	0
POTASSIUM	3	2	2	1	0	2	2	3
BORON	34	28	19	15	16	33	38	57
SILICON	11	13	15	14	14	10	11	14
SODIUM	8	9	10	6	5	10	9	14
CALCIUM	2340	2196	1595	1511	1574	2802	2667	2306
MAGNESIUM	269	374	940	833	838	18	17	196
PHOSPHORUS	768	876	960	950	967	749	834	780
ZINC	956	1032	1097	1004	1005	934	1098	919
BARIUM	1	1	1	1	1	0	0	1

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	61.2	59-68	70.6	67.9	69.1	60.7	59.7
	cSt Viscosity @ 100°C	10.56	9.9-12.7	13.12	12.39	12.71	10.42	10.12
	Flashpoint in °F	400	>365	375	420	415	395	420
	Fuel %	<0.5	<2.0	TR	<0.5	<0.5	<0.5	<0.5
	Antifreeze %	0.0	0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.3	0.4	0.2	0.3	0.3
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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