



OIL REPORT

LAB NUMBER: G31644 UNIT ID: 08 EVO X
 REPORT DATE: 9/5/2014 CLIENT ID: 38671
 CODE: 63/34 PAYMENT: CC: Visa (Bulk)

UNIT	MAKE/MODEL: Mitsubishi 2.0L (4B11T) 4-Cyl Turbo	OIL TYPE & GRADE: Amsoil 10W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,584 Miles
	ADDITIONAL INFO:	

CLIENT	JON FROST	PHONE: (815) 501-3810
	992 NORTH OHIO STREET	FAX:
	AURORA, IL 60505	ALT PHONE:
		EMAIL: jon@thefrost.net, fostytou@gmail.com

COMMENTS
 JON: Metals are looking better this time around, and silicon has dropped as well. Since this is just the second oil change after the engine swap, we're just seeing the residual wear-in materials (metals from parts breaking in, silicon from sealers) washing out, and hopefully we'll see nice, steady wear trends building from here on out. There was still quite a bit of fuel in this oil, though. At 2.8%, this is more fuel than we typically expect to see from normal usage, and it could be a sign of a fuel system problem. Keep an eye on it, and check back next oil to see if it improves.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,584	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES	
	MI/HR on Unit	42,577		36,993					
	Sample Date	04/01/14		02/09/11					
	Make Up Oil Added	0 qts		0 qts					
ALUMINUM	7	10	13					5	
CHROMIUM	1	1	1					1	
IRON	20	25	29					17	
COPPER	4	5	5					3	
LEAD	1	1	1					3	
TIN	0	0	0					1	
MOLYBDENUM	36	88	140					77	
NICKEL	0	1	1					0	
MANGANESE	0	1	1					1	
SILVER	0	0	0					0	
TITANIUM	0	0	0					2	
POTASSIUM	6	6	5					4	
BORON	22	71	120					76	
SILICON	14	23	31					12	
SODIUM	7	11	15					28	
CALCIUM	3266	3360	3453					2282	
MAGNESIUM	11	13	14					244	
PHOSPHORUS	968	824	679					806	
ZINC	1191	978	764					906	
BARIUM	1	1	1					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	59.1	65-76	51.8				
	cSt Viscosity @ 100°C	9.96	11.6-14.8	7.82				
	Flashpoint in °F	320	>375	330				
	Fuel %	2.8	<2.0	2.8				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	<0.1	0.0				
	Insolubles %	0.1	<0.6	0.3				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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