



# OIL REPORT

LAB NUMBER: G21717      UNIT ID: 04 RX8  
 REPORT DATE: 7/14/2014      CLIENT ID: ~~XXXX~~  
 CODE: 63/501      PAYMENT: ~~CC Discover~~

<b>UNIT</b>	MAKE/MODEL: Mazda 1.3L Renesis (Rotary)	OIL TYPE & GRADE: Amsoil Signature Series Synthetic 10
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,915 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	SHANE TESMER	PHONE: (704) <del>XXXXXXX</del>
	235 <del>XXXXXXXXXX</del>	FAX:
	SHELBY, NC 28152	ALT PHONE:
		EMAIL: wiesel42@hotmail.com

**COMMENTS** SHANE: Everything is looking good in this first sample from your RX8. Metals are lining up really well with the universal averages (see far right column), which show what levels of wear we typically see from this type of engine after around 2,800 miles of oil use. That's about how long your oil was in use, so we'd expect to see some pretty average levels of metals in your sample, and that's exactly what we found. No signs of mechanical trouble here. The TBN read at 8.1, which means there's lots of active additive left in the oil. Try going 5,000 miles next time. Nice!

	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Oil	MI/HR on Unit					
	2,915	89,935					
	07/06/14						
	0 qts						
<b>ELEMENTS IN PARTS PER MILLION</b>	ALUMINUM	2	2				2
	CHROMIUM	7	7				6
	IRON	18	18				23
	COPPER	2	2				3
	LEAD	2	2				3
	TIN	3	3				1
	MOLYBDENUM	4	4				102
	NICKEL	0	0				0
	MANGANESE	0	0				0
	SILVER	0	0				0
	TITANIUM	0	0				0
	POTASSIUM	4	4				2
	BORON	4	4				57
	SILICON	10	10				10
	SODIUM	5	5				68
	CALCIUM	2786	2786				2062
	MAGNESIUM	7	7				85
	PHOSPHORUS	858	858				733
ZINC	1004	1004				870	
BARIUM	0	0				0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	66.5	65-76				
	cSt Viscosity @ 100°C	12.01	11.6-14.8				
	Flashpoint in °F	395	>375				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.1	<0.6				
	TBN	8.1	>1.0				
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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