



# OIL REPORT

LAB NUMBER:  
 REPORT DATE: 8/7/2014  
 CODE: 20/75

UNIT ID: 04 S2000  
 CLIENT ID:  
 PAYMENT:

<b>UNIT</b>	EQUIP. MAKE/MODEL: Honda 2.2L (F22C1) 4-cyl	OIL TYPE & GRADE: Motul 300V 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,959 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

**COMMENTS** BRRRRRAAP! Metals haven't really changed all that much since your last sample, which is good. It might have been nice to see iron improve, since that element should track with oil use, but VTec-ing through the mountains and autocrossing could have contributed to a little more steel wear per mile this time. It's nothing to worry about. Don't freak out about it. Since we've talked about additives so much recently, calcium is your detergent additive; moly, phosphorus, and zinc are anti-wear additives. Insolubles are low, and the viscosity held up nicely. Luv4u!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	4,959	UNIT / LOCATION AVERAGES	6,267					
	MI/HR on Unit	101,943		96,984					UNIVERSAL AVERAGES
	Sample Date	08/02/14		02/17/14					
	Make Up Oil Added	0.5 qt		0.5 qt					
ALUMINUM	1	3	5						4
CHROMIUM	1	1	1						0
IRON	12	12	12						8
COPPER	5	6	6						4
LEAD	1	2	2						2
TIN	4	4	4						1
MOLYBDENUM	651	659	666						134
NICKEL	1	2	2						1
MANGANESE	0	0	0						0
SILVER	0	0	0						0
TITANIUM	0	1	1						1
POTASSIUM	1	2	2						2
BORON	15	9	2						60
SILICON	11	13	14						9
SODIUM	6	6	5						36
CALCIUM	2422	2469	2515						2095
MAGNESIUM	5	42	79						313
PHOSPHORUS	697	735	773						755
ZINC	844	898	952						879
BARIIUM	0	0	0						0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	62.5	56-63	63.7				
	cSt Viscosity @ 100°C	10.92	9.1-11.3	11.24				
	Flashpoint in °F	430	>365	410				
	Fuel %	<0.5	<2.0	<0.5				
	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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