



# OIL REPORT

UNIT ID: 07 CIVC HYBRD

REPORT DATE: 10/12/2007

CODE: 20/284

<b>UNIT</b>	MAKE/MODEL: Honda 1.3 L Hybrid	OIL TYPE & GRADE: Mobil 1 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 9,208 Miles
	ADDITIONAL INFO:	

<b>UNIT</b>	
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**COMMENTS**  
 Most wear metals and silicon decreased as expected in the second oil sample from your new Civic. Most of them read below universal averages (which are based on a 6700-mile oil run) for this type engine. Iron, from steel parts like cylinders and rotating shafts, will "track" with miles of oil use so don't worry about the higher than average number in this sample. The oil's viscosity was normal and no contaminants were present in the sample. Oil filtration (see insolubles) was good. Stay in the ~9000-mile range for oil changes. Your new car likes it!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	9,208	UNIT / LOCATION AVERAGES	9,150						
	MI/HR on Unit	18,388		9,150						UNIVERSAL AVERAGES
	Sample Date	09/24/07		03/23/07						
	Make Up Oil Added	0 qts		0 qts						
ALUMINUM	5	6	7							6
CHROMIUM	0	1	1							1
IRON	21	24	<b>27</b>							11
COPPER	3	6	9							5
LEAD	1	1	0							1
TIN	0	0	0							0
MOLYBDENUM	160	394	627							133
NICKEL	1	2	2							0
MANGANESE	1	2	3							0
SILVER	0	0	0							0
TITANIUM	0	0	0							0
POTASSIUM	2	3	4							1
BORON	69	116	162							65
SILICON	<b>22</b>	51	<b>80</b>							14
SODIUM	10	12	14							12
CALCIUM	2185	2031	1877							2465
MAGNESIUM	14	17	20							43
PHOSPHORUS	566	611	655							761
ZINC	692	746	800							914
BARIUM	1	5	8							0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	52.5	51-59	51.0					
	cSt Viscosity @ 100°C	8.02	7.6-10.2	7.56					
Flashpoint in °F	365	>355	<b>365</b>						
Fuel %	<0.5	<2.0	1.0						
Antifreeze %	0.0	0.0	0.0						
Water %	0.0	<0.1	0.0						
Insolubles %	0.3	<0.6	0.3						
TBN									
TAN									
ISO Code									

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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