



OIL REPORT

LAB NUMBER: K66347

UNIT ID: 17 CIVIC SI

REPORT DATE: 10/31/2018

CLIENT ID: 133427

CODE: 20/32

PAYMENT: Prepaid

UNIT

MAKE/MODEL: Honda 1.5L (L15B7) DI Turbo
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Pennzoil 0W/20
OIL USE INTERVAL: 5,276 Miles

CLIENT

COMMENTS

This is a great first report for you Civic Si. Universal averages show typical wear for this type of engine after about 4,900 miles of oil use. You went a little longer and wear metals match up remarkably well. That shows your engine is in great mechanical condition and that it made it through the wear-in process without a hitch. There was some fuel in this sample, but only 1.8%. Small amounts like that are often from normal use like short trips, idling, or even cold sampling, so it isn't a concern at all. The viscosity was fine for 0W/20 oil. Your Honda off to a great start!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,276	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	16,483						
	Sample Date	10/21/2018						
	Make Up Oil Added	0 qts						
	ALUMINUM	8	8					9
	CHROMIUM	0	0					1
	IRON	10	10					16
	COPPER	2	2					3
	LEAD	0	0					0
	TIN	0	0					0
	MOLYBDENUM	137	137					104
	NICKEL	0	0					0
	MANGANESE	0	0					1
	SILVER	0	0					0
	TITANIUM	1	1					2
	POTASSIUM	2	2					3
	BORON	34	34					63
	SILICON	21	21					25
	SODIUM	5	5					18
CALCIUM	1991	1991					1520	
MAGNESIUM	25	25					379	
PHOSPHORUS	695	695					669	
ZINC	748	748					723	
BARIUM	0	0					0	

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	48.5	46-57				
	cSt Viscosity @ 100°C	6.82	6.0-9.7				
	Flashpoint in °F	350	>385				
	Fuel %	1.8	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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