



OIL REPORT

LAB NUMBER: K51489

UNIT ID: 17 CIVIC EXT

REPORT DATE: 9/7/2018

CLIENT ID: 78658

CODE: 44/32

PAYMENT: CC: Visa

UNIT

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

OIL TYPE & GRADE: Mobil 1 0W/40
OIL USE INTERVAL: 3,500 Miles

CLIENT

JOSE RIVERA

PHONE: (219) 483-1111

FAX:

ALT PHONE:

EMAIL:

COMMENTS

JOSE: The viscosity read a little thin for a 0W/40, but depending on what oil you used last time, some residual oil might be thinning the oil down a bit. Keep in mind that about 20% of the old oil stays in the engine when the oil is changed, so oil additives and viscosities can be affected by whatever oil you used previously. No fuel dilution was found. Wear metals look fine in this sample, so this oil (thin viscosity and all) appears to be working well for your Honda. No signs of trouble in these numbers! Great report at 20,029 miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,500	UNIT / LOCATION AVERAGES	4,500					
	MI/HR on Unit	20,029		9,200					
	Sample Date	8/1/2018		9/9/2017					
	Make Up Oil Added	0 qts		0 qts					
	ALUMINUM	5		7	8				10
	CHROMIUM	0		0	0				1
	IRON	8		9	9				17
	COPPER	1		2	3				3
	LEAD	0		0	0				0
	TIN	0		0	0				0
	MOLYBDENUM	73		86	99				108
	NICKEL	0		0	0				0
	MANGANESE	0		1	1				1
	SILVER	0		0	0				0
	TITANIUM	0		0	0				1
	POTASSIUM	4		3	2				3
	BORON	162		104	46				68
	SILICON	9		15	20				25
	SODIUM	5		5	4				16
	CALCIUM	2299		1638	976				1558
	MAGNESIUM	177		421	664				353
	PHOSPHORUS	809		690	571				669
	ZINC	859		751	642				723
	BARIUM	0		0	0				0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	58.9	63-76	49.5				
	cSt Viscosity @ 100°C	9.90	11.1-14.8	7.11				
	Flashpoint in °F	380	>375	380				
	Fuel %	<0.5	<2.0	TR				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.3	<0.6	0.2				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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