



OIL REPORT

LAB NUMBER:
 REPORT DATE: 4/9/2019
 CODE: 63/32

UNIT ID: 13 FIT
 CLIENT ID:
 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Honda 1.5L (L15A)	OIL TYPE & GRADE: Honda 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 7,100 Miles
	ADDITIONAL INFO:	

CLIENT	
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COMMENTS We had called your last report a mixed bag, and that's true of these results as well. On a positive note, iron decreased and this level is in the average range. Aluminum and fuel are still a bit high, though. Although aluminum is steady (and steady wear is generally a good thing), fuel increased to 3.0%. If you're taking these samples cold or right after short trips, then most of the fuel could be situational, but we don't want to ignore the possibility of a fuel system issue. Watch for a rising oil level on the dipstick and check back in 7,000 miles to keep an eye on trends.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,100	UNIT / LOCATION AVERAGES	6,278			UNIVERSAL AVERAGES
	MI/HR on Unit	38,512		31,409	25,131		
	Sample Date	3/26/2019		3/14/2018	5/3/2017		
	Make Up Oil Added	0 qts		0 qts	0 qts		
ALUMINUM	18	16	19	35			6
CHROMIUM	0	0	0	0			0
IRON	14	16	19	18			9
COPPER	1	4	2	1			1
LEAD	0	0	0	0			1
TIN	0	1	1	5			1
MOLYBDENUM	39	143	7	39			74
NICKEL	0	0	0	0			0
MANGANESE	1	1	1	1			1
SILVER	0	0	0	0			0
TITANIUM	11	2	0	0			2
POTASSIUM	2	3	3	2			2
BORON	39	46	6	7			41
SILICON	15	18	11	7			13
SODIUM	24	50	249	8			46
CALCIUM	1681	1639	1694	1773			1800
MAGNESIUM	277	180	17	19			244
PHOSPHORUS	677	654	671	577			658
ZINC	731	721	704	639			757
BARIUM	0	1	0	0			0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°	47.8	46-59	46.3	50.4		
	cSt Viscosity @ 100°C	6.59	6.0-10.2	6.12	7.39		
Flashpoint in °F	325	>385	335	360			
Fuel %	3.0	<2.0	2.5	TR			
Antifreeze %	0.0	0	0.0	0.0			
Water %	0.0	<0.1	0.0	0.0			
Insolubles %	0.2	<0.6	0.3	0.3			
TBN							
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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