



# OIL REPORT

LAB NUMBER: L72497

UNIT ID: 2016 CIVIC

REPORT DATE: 11/4/2019

CODE: 20/685

UNIT

MAKE/MODEL: Honda 1.5L (L15B7) DI Turbo  
FUEL TYPE: Gasoline (Unleaded)  
ADDITIONAL INFO:OIL TYPE & GRADE: Amazon Basics 0W/20  
OIL USE INTERVAL: 10,685 Miles

CLIENT

COMMENTS

JESSE: It's fine that you ran a little longer than the maintenance minder told you to. Those systems tend to be very conservative. The oil was still in great shape when you changed it, keeping a 0W/20 viscosity, and the 2.3 TBN shows plenty of active additive left to spare. Up in the spectral results, metals are about where they left off in the last report, and the consistency is a good find since this is the longest oil run you've sampled so far. Fuel is below 2.0%, a first since the factory oil sample, and that's another plus; with any luck, that becomes a new normal.

ELEMENTS IN PARTS PER MILLION

MI/HR on Oil	10,685	UNIT / LOCATION AVERAGES	9,862	9,259	9,885	9,069	UNIVERSAL AVERAGES
MI/HR on Unit	58,717		48,032	28,213	18,954	9,069	
Sample Date	10/14/2019		2/24/2019	11/26/2017	5/14/2017	10/22/2016	
Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	
ALUMINUM	9	13	11	11	19	15	8
CHROMIUM	2	2	1	2	3	2	1
IRON	29	47	29	31	59	87	16
COPPER	4	8	2	4	7	25	2
LEAD	0	0	0	0	0	1	0
TIN	0	0	0	0	0	0	0
MOLYBDENUM	61	176	55	73	128	563	93
NICKEL	0	0	0	0	0	0	0
MANGANESE	1	7	1	2	4	25	1
SILVER	0	0	0	0	0	0	0
TITANIUM	3	6	25	0	0	0	2
POTASSIUM	2	5	1	4	15	5	2
BORON	24	37	30	25	30	74	57
SILICON	37	77	30	30	54	236	22
SODIUM	6	6	8	3	4	10	9
CALCIUM	1043	1130	1008	926	1093	1579	1275
MAGNESIUM	488	505	725	664	643	6	479
PHOSPHORUS	605	601	643	566	620	572	646
ZINC	672	667	707	618	676	663	710
BARIUM	0	1	0	0	1	4	0

Values  
Should Be\*

PROPERTIES

SUS Viscosity @ 210°F	51.1	46-57	46.8	47.0	47.2	46.8
cSt Viscosity @ 100°C	7.62	6.0-9.7	6.28	6.34	6.42	6.27
Flashpoint in °F	350	>385	315	315	310	355
Fuel %	1.8	<2.0	3.5	3.5	3.8	1.0
Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0
Water %	0.0	0.0	0.0	0.0	0.0	0.0
Insolubles %	0.2	<0.6	0.4	0.2	0.4	0.3
TBN	2.3	>1.0	2.3	2.8	2.5	1.4
TAN						
ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE