BLACKSTONE LABORATORIES

OIL REPORT

LAB NUMBER: H89601
REPORT DATE: 11/7/2016

UNIT

MAKE/MODEL: Honda 1.5L DI Turbo
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: Civic Touring, L15B7 engine
OIL TYPE & GRADE: Gasoline Engine Oil
OIL USE INTERVAL: 9,069 Miles

CLIENT

COMMENTS

Often times the maintenance minder is conservative on oil changes, but we think yours did a pretty good job here. We're seeing some excess metal and silicon in this sample, but those are just residual from wear-in of new parts and sealers. This stuff should wash out with more oil changes, until we get results similar to our averages. For this type of engine, those are based on ~7,700 miles of oil use. 1.0% fuel isn't problematic, and the TBN of 1.4 shows some active additive left since 1.0 is low. Nice! We suggest another 9,000-mile run to help clear things out.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	9,069							
MI/HR on Unit	9,069							
Sample Date	10/22/2016							
Make Up Oil Added	0 qts							
ALUMINUM	**15**	15						6
CHROMIUM	2	2						0
IRON	**87**	87						9
COPPER	**25**	25						2
LEAD	1	1						0
TIN	0	0						1
MOLYBDENUM	563	563						74
NICKEL	0	0						0
MANGANESE	25	25						1
SILVER	0	0						0
TITANIUM	0	0						1
POTASSIUM	5	5						2
BORON	74	74						46
SILICON	**236**	236						14
SODIUM	10	10						49
CALCIUM	1579	1579						1867
MAGNESIUM	6	6						226
PHOSPHORUS	572	572						663
ZINC	663	663						769
BARIUM	4	4						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	46.8						
cSt Viscosity @ 100°C	6.27						
Flashpoint in °F	**355**	>375					
Fuel %	1.0	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.3	<0.6					
TBN	1.4	>1.0					
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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LIABILITY LIMITED TO COST OF ANALYSIS