



OIL REPORT

LAB NUMBER:
REPORT DATE: 2/5/2019
CODE: 44/32

UNIT ID:
CLIENT ID:
PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Honda 1.5L (L15B7) DI Turbo	OIL TYPE & GRADE: Amsoil Signature Series 0W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,038 Miles
	ADDITIONAL INFO:	

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS Fuel is the only thing dogging this Honda. It's up to 1.8% and while that's not over our in-house limit of 2.0%, it's probably impacting the viscosity. We'd keep a diligent eye on fuel, just in case it worsens But a fix may not be needed if fuel stays relatively mild and you don't notice a rising oil level. If you do a lot of short trips, then fuel is probably partially from normal use. Fortunately neither the fuel nor the viscosity is causing metals to go up. They're actually quite low and in great standing for the mileage on the oil. Check back after another 2,000 miles on the oil.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,038	UNIT / LOCATION AVERAGES	5,170	5,036	5,113	4,973	UNIVERSAL AVERAGES
	MI/HR on Unit	31,280		24,937	17,639	12,603	6,098	
	Sample Date	1/11/2019		8/7/2018	5/4/2018	2/21/2018	10/9/2017	
	Make Up Oil Added	0 qts		0 qts		0 qts		
ALUMINUM	4	9	7	6	13	13		9
CHROMIUM	0	0	0	0	1	0		1
IRON	5	8	6	8	12	10		16
COPPER	1	3	2	2	4	7		3
LEAD	0	0	0	0	0	0		0
TIN	0	0	0	0	0	0		0
MOLYBDENUM	215	203	229	211	197	161		102
NICKEL	0	0	0	0	0	0		0
MANGANESE	0	1	0	0	1	2		1
SILVER	0	0	0	0	0	0		0
TITANIUM	0	0	0	0	0	0		2
POTASSIUM	6	2	0	2	2	0		3
BORON	184	134	137	196	16	136		60
SILICON	17	23	24	21	20	32		25
SODIUM	8	7	9	8	4	7		12
CALCIUM	1181	1789	1208	1232	2006	3317		1408
MAGNESIUM	929	541	944	790	11	30		417
PHOSPHORUS	674	728	737	679	694	858		660
ZINC	766	792	765	751	734	946		716
BARIUM	0	0	0	0	0	0		0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	52.3	54-65	54.6	50.1	48.1	52.0
	cSt Viscosity @ 100°C	7.96	8.5-11.9	8.66	7.31	6.70	7.88
	Flashpoint in °F	350	>385	365	375	340	370
	Fuel %	1.8	<2.0	0.5	0.5	2.3	0.8
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	<0.1	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.2	0.1	0.5	0.2
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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