



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
CIVIC 2010 17-LAVN-01-001-M (S/N 2HGFA1F44AH032312)

Component
HONDA 1.8L Front Gasoline Engine

Fluid
PETRO CANADA SUPREME SYNTHETIC 5W-20 (4 LTR)

#3 #2 #1

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number				WC104920	WC994125	WC972846
Sample Date				03 Nov 2017	15 Jul 2017	13 Feb 2017
Machine Age	kms			311030	300101	283995
Oil Age	kms			26844	15915	7783
Filter Age	kms			26844	15915	7783
Oil Changed				Not Changd	Not Changd	Not Changd
Filter Changed				Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185	>150	12	6.5	5.9
Chromium	ppm	ASTM D5185	>20	0.4	0.2	0.3
Manganese	ppm	ASTM D5185		0.5	0.3	0.4
Nickel	ppm	ASTM D5185	>5	0.0	0.0	0.0
Titanium	ppm	ASTM D5185		0.0	0.0	0.0
Silver	ppm	ASTM D5185	>2	0.0	0.0	0.0
Aluminum	ppm	ASTM D5185	>40	5.3	4.1	4.0
Lead	ppm	ASTM D5185	>50	0.1	0.0	0.3
Copper	ppm	ASTM D5185	>155	0.6	0.4	0.4
Tin	ppm	ASTM D5185	>10	0.0	0.0	0.0
Vanadium	ppm	ASTM D5185		0.2	0.1	0.1

CONTAMINATION

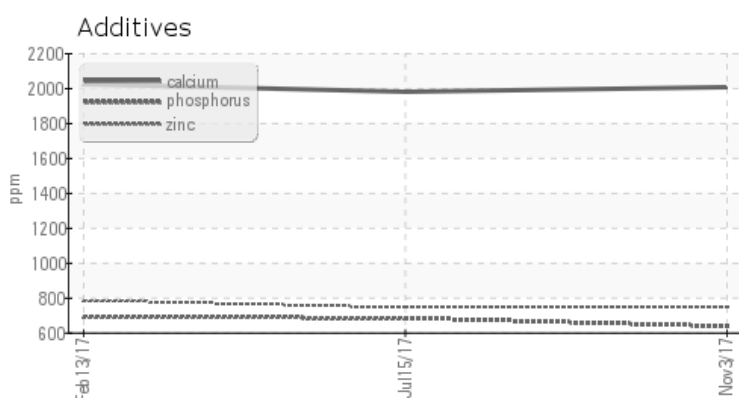
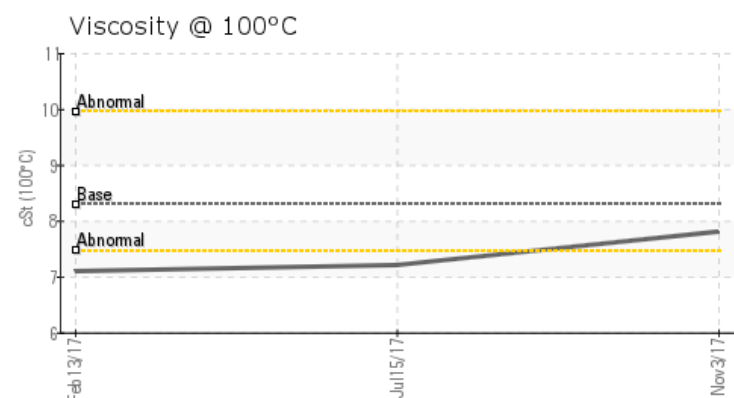
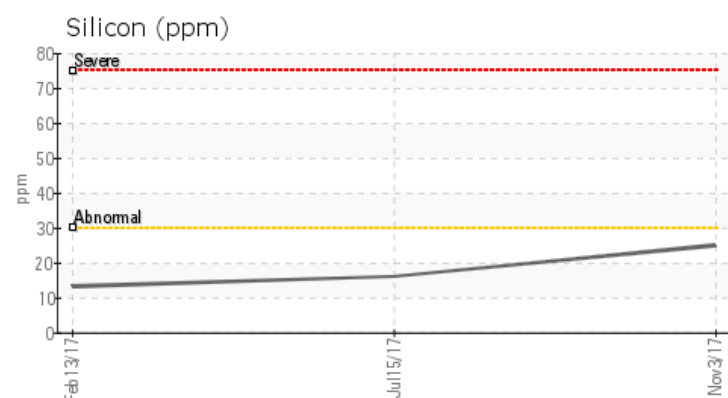
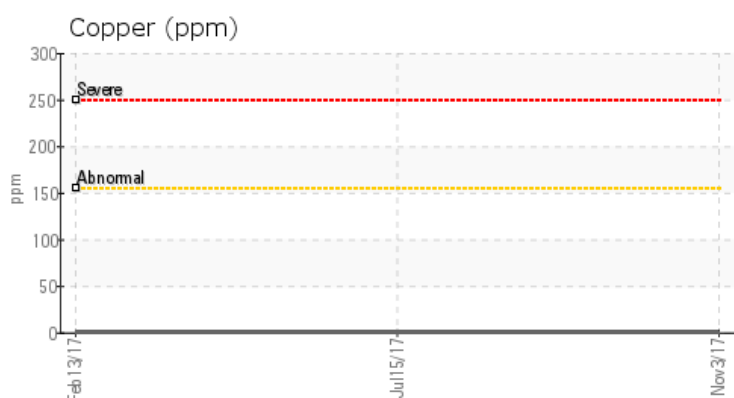
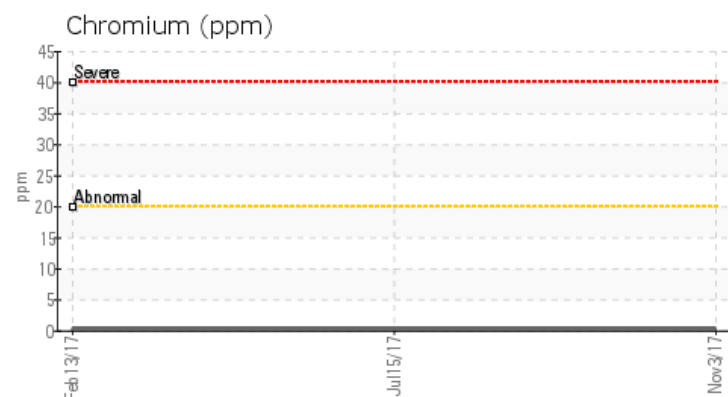
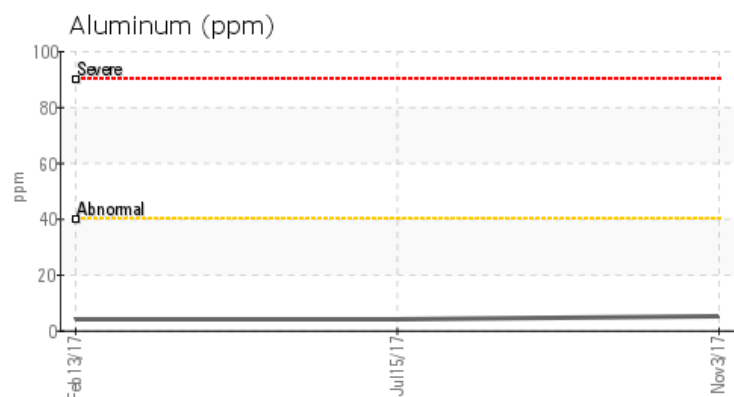
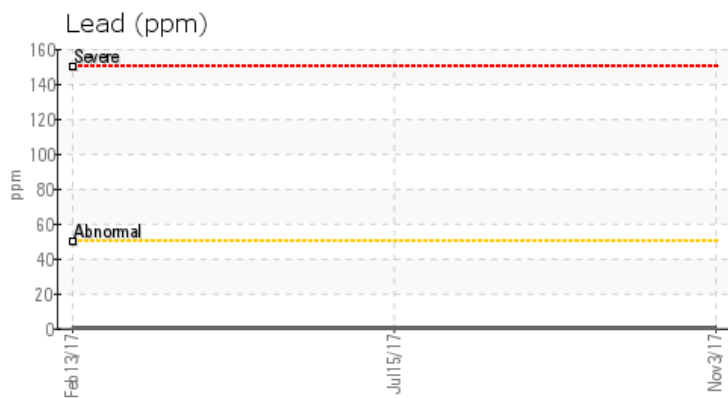
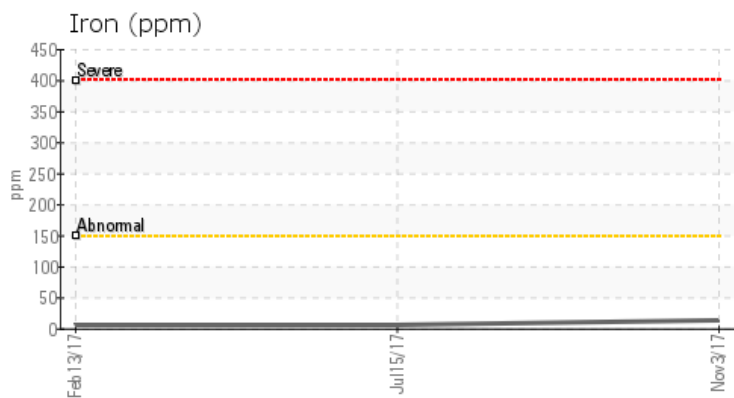
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185	>30	25	16	13
Potassium	ppm	ASTM D5185	>20	1.2	0.9	1.1
Soot %	%	ASTM D7686		0	0	0
Nitration (PA)	%	ASTM D7624	>100	69	56	52
Sulfation (PA)	%	ASTM D7415	>100	81	65	61
Emulsified Water	scalar	Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185		7.7	6.6	14
Boron	ppm	ASTM D5185	230	28	45	57
Barium	ppm	ASTM D5185		0.0	0.0	0.0
Molybdenum	ppm	ASTM D5185	79	111	112	66
Magnesium	ppm	ASTM D5185		33	32	9.1
Calcium	ppm	ASTM D5185	2110	2006	1976	2022
Phosphorus	ppm	ASTM D5185	770	636	683	689
Zinc	ppm	ASTM D5185	870	747	743	785
Sulfur	ppm	ASTM D5185	2870	2527	2538	2512
Oxidation (PA)	%	ASTM D7414	>100	82	58	50
Visc @ 100°C	cSt	ASTM D7279	8.3	7.8	7.2	7.1



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC104920 **Received** : 20 Nov 2017
Lab Number : 02183007 **Diagnosed** : 20 Nov 2017
Unique Number : 4602111 **Diagnostician** : Wes Davis
Test Package : MOB 1

9042628 Canada Inc
 3755 - E Boul Matte
 Brossard, QC
 Canada J4Y 2P4
 Contact: Pierre Beauchamp
 support-tech@adrenalube.com
 T: (514)999-5546
 F:

To discuss diagnosis or test data, contact Technical Support at 1-800-268-2131.
 To change component or sample information, contact Customer Service at 1-800-268-2131.