



OIL ANALYSIS REPORTS


TO: Pierre Beauchamp
9042628 Canada Inc [PIELAP]
3755 - E Boul Matte
Brossard, QC
J4Y 2P4 Canada
(514)999-5546

support-tech@adrenalube.com

FROM: Marlene Corbo
WearCheck Canada Inc.
C8-1175 Appleby Line
Burlington, ON
L7L 5H9 Canada
(905)569-8600 Ext: 4648
FAX (905)569-8605

customerservice@wearcheck.ca

Report Summary

Sample N°	Unit	WEAR	CONTAM'N	FLUID
 WC-103204	16-LARR-01-001-M Front Gasoline Engine	NORMAL	NORMAL	NORMAL

Total: 1 Sample Report(s)

Verify Your Contact Information

Fax Back To (905)569-8605

First Name Pierre

Last Name Beauchamp

Title [UNKNOWN]

Phone (514)999-5546

Fax

Mobile Phone 5(144)566-1809

E-Mail support-tech@adrenalube.com

Company Name 9042628 Canada Inc

Address 3755 - E Boul Matte

Address (con't)

City Brossard

State/Prov QC

Zip/Postal Code J4Y 2P4

Country Canada



MOBILE OIL ANALYSIS REPORT

CONTAMINATION	NORMAL
WEAR	NORMAL
OIL CONDITION	NORMAL

Unit Make : DODGE
 Unit Model : JOURNEY 2010 Serial No : 3D4PG5FV9A7210937 Date Rec'd : Sep 13, 2017
 Comp Make : ENGINE Cust. Ref No. : {n/a} Sample Date : Sep 7, 2017
 Comp Model : V6 3.5L Stub No. : WC-103204 Diagnostician : Bill Quesnel

RECOMMENDATION

Resample at the next service interval to monitor.

Sample Date	08/10/16	12/15/16	06/10/17	Current	UOM
Time on Unit	204872	227706	233575	243027	kms
Time on Oil	10652	28703	15869	38155	kms
Time on Fltr	10652	28703	15869	38155	kms
Oil Maint.	not chg	not chg	not chg	not chg	---
Filter Maint.	not chg	not chg	not chg	not chg	---

CONTAMINATION

There is no indication of any contamination in the oil.

Sample Date	08/10/16	12/15/16	06/10/17	Current	Abn
Silicon	5.1	6.8	8.6	9.5	25
Potassium	1.4	1.5	0.6	1.0	20
Sodium	3.8	6.5	6.2	5.8	80
Fuel (%)	<2.0	<2.0	<2.0	<2.0	4.0
Glycol	---	---	---	---	0.06
Water (%)	<0.1	<0.1	<0.1	<0.1	0.1
Soot (%)	0	0	0	0	---
Sulfation (%)	57	65	74	79	100
Nitration (%)	44	50	61	65	100

WEAR

All component wear rates are normal.

Sample Date	08/10/16	12/15/16	06/10/17	Current	Abn
Iron	7.8	14	20	18	150
Nickel	0.2	0.5	0.3	0.4	5
Chromium	0.4	0.5	0.9	0.9	8
Titanium	0.0	0.3	0.1	0.2	---
Copper	8.2	9.5	9.6	9.2	75
Aluminum	9.0	12	17	15	60
Tin	0.0	0.0	0.1	0.0	15
Lead	12	0.4	0.2	0.3	75
Silver	0.0	0.0	0.0	0.0	---

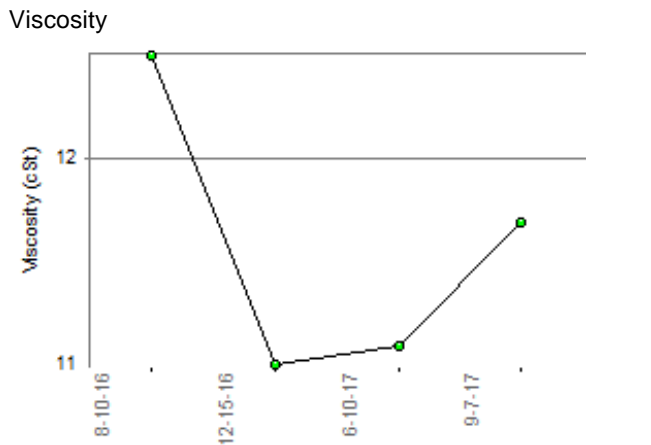
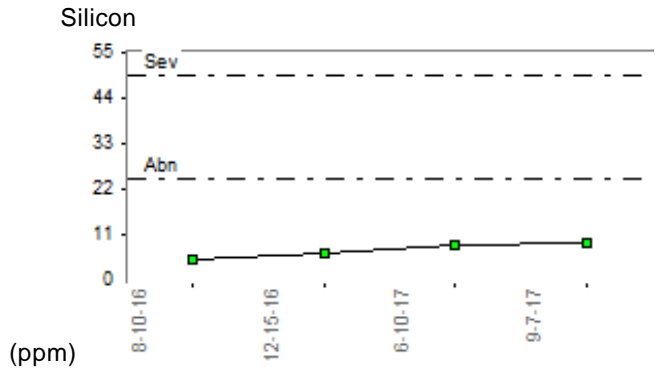
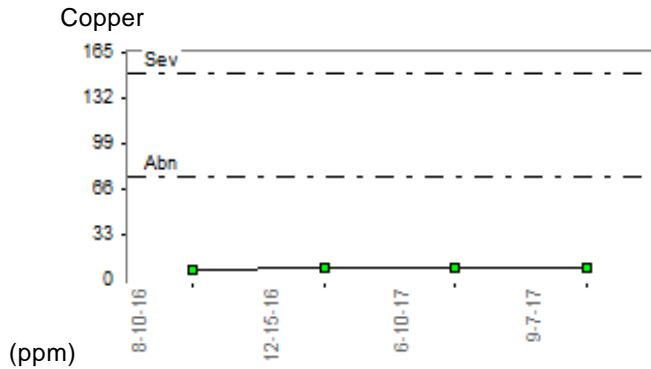
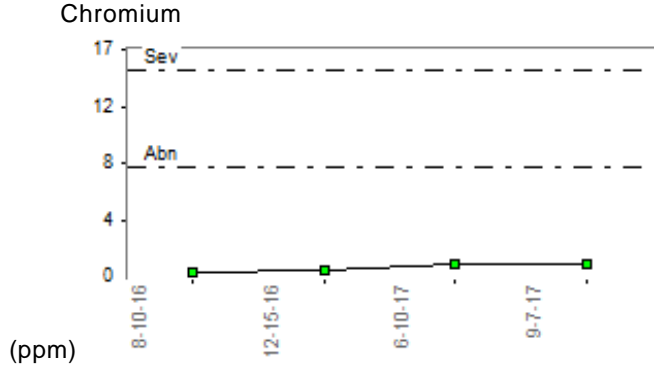
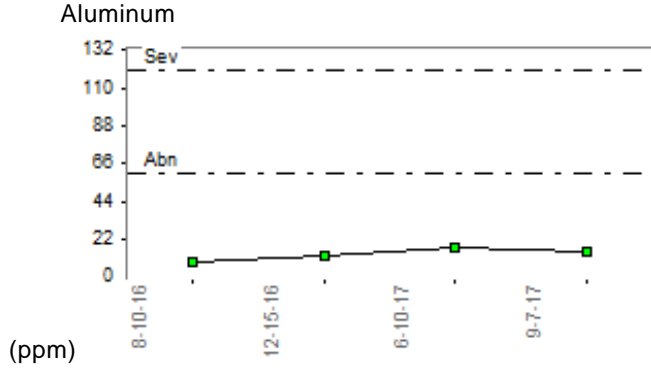
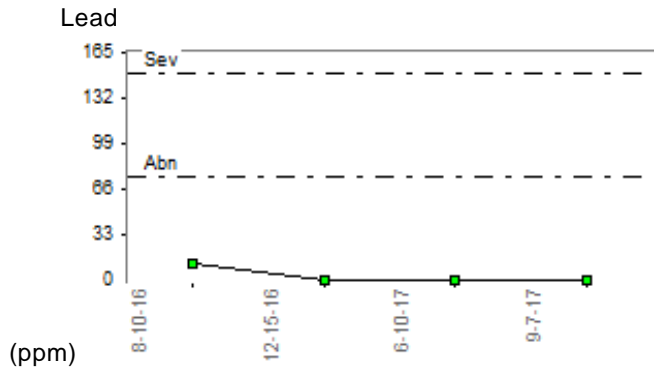
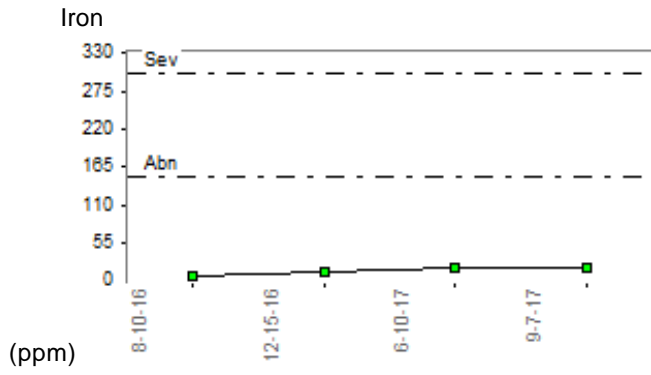
OIL CONDITION

Oil Type: 5.2 LTR of CASTROL 10W30

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

Sample Date	08/10/16	12/15/16	06/10/17	Current	Base
Boron	19	17	37	36	
Barium	0.1	0.0	0.1	0.1	
Calcium	2110	2325	2559	2550	
Magnesium	11	9.7	12	12	
Molybdenum	16	150	122	105	
Sodium	3.8	6.5	6.2	5.8	
Phosphorus	578	593	610	707	
Sulfur	2323	2273	2333	2304	
Zinc	746	719	723	823	
Visc 40°C (cSt)	---	---	---	---	
Visc 100°C (cSt)	12.4	10.9	11.0	11.6	
VI	---	---	---	---	
Oxidation (%)	43	52	69	75	

Graphs



Report Legend

Abn	Represents the general abnormal limit for the test result.
Base	Represents the test result values from a sample of the new unused oil.
Current	Represents data for the current sample submitted.
>	Greater than
<	Less than
---	Data value unavailable.

If you have any questions concerning this sample report (work order no 02169327) please call 1-800-268-2131.



The leader in oil analysis
WearCheck International
 Africa, Asia, Australia, Europe, North America

ATTN: PIERRE BEAUCHAMP
 9042628 CANADA INC
 3755 - E BOUL MATTE
 BROSSARD, QC J4Y 2P4
 (514)999-5546