



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
2011 FORD ESCAPE 4X4 1 (S/N 1FMCV9DGOBKA23004)

Component
V6 3.0L ENGINE Front Gasoline Engine

Fluid
CASTROL EDGE SYN (6 LTR)

PRODUIT : ZP-700 ADDITIF MOTEUR - Cas d'étude Auto #102a / 1de4



RECOMMENDATION

Texte & Soulignement en bleu par Adrenalube

Resample at the next service interval to monitor.

Commentaires :

Cédule de changement d'huile 8000km (avant).

L'huile n'est pas changée et 200ml de ZP-700 ont été ajoutés.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number				WC960601	---	---
Sample Date				10 Sep 2016	---	---
Machine Age	kms			127167	---	---
Oil Age	kms			8000	---	---
Filter Age	kms			8000	---	---
Oil Changed				Not Changd	---	---
Filter Changed				Not Changd	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Taux d'usure acceptables pour les heures d'opération.

Iron	ppm	ASTM D5185	>150	7	---	---
Chromium	ppm	ASTM D5185	>20	<1	---	---
Nickel	ppm	ASTM D5185	>5	<1	---	---
Titanium	ppm	ASTM D5185		5	---	---
Silver	ppm	ASTM D5185	>2	0	---	---
Aluminum	ppm	ASTM D5185	>40	4	---	---
Lead	ppm	ASTM D5185	>50	1	---	---
Copper	ppm	ASTM D5185	>155	<1	---	---
Tin	ppm	ASTM D5185	>10	0	---	---
Vanadium	ppm	ASTM D5185		<1	---	---

CONTAMINATION

Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the component.

Contamination externe acceptable.

Silicon	ppm	ASTM D5185	>30	7	---	---
Potassium	ppm	ASTM D5185	>20	<1	---	---
Fuel	%	ASTM D3524	>4.0	0.0	---	---
Glycol	%	ASTM D2982		0.0	---	---
Soot %	%	ASTM D7686		0	---	---
Nitration	Abs/cm	ASTM D7624		10.7	---	---
Sulfation	Abs/.1mm	ASTM D7415		24.9	---	---
Emulsified Water	scalar	Visual	>0.2	NEG	---	---

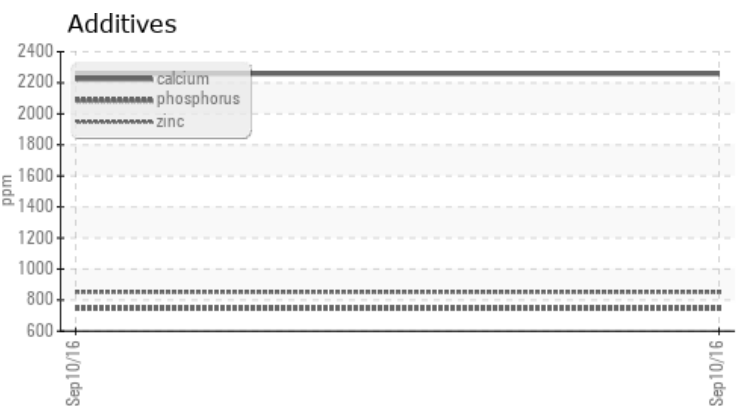
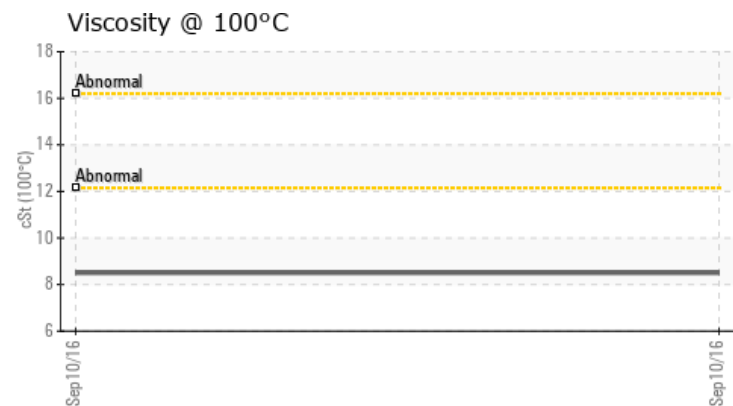
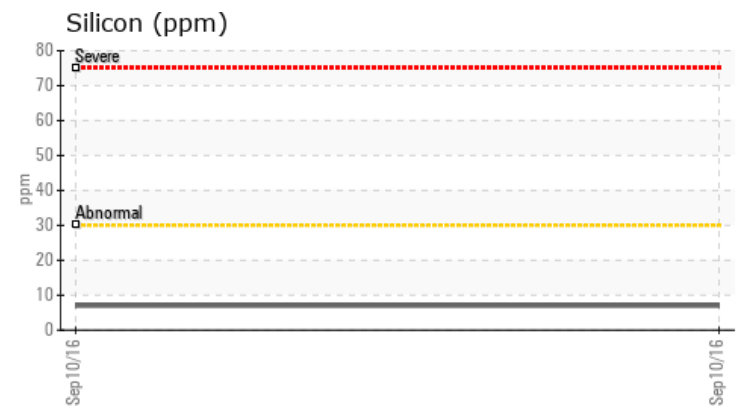
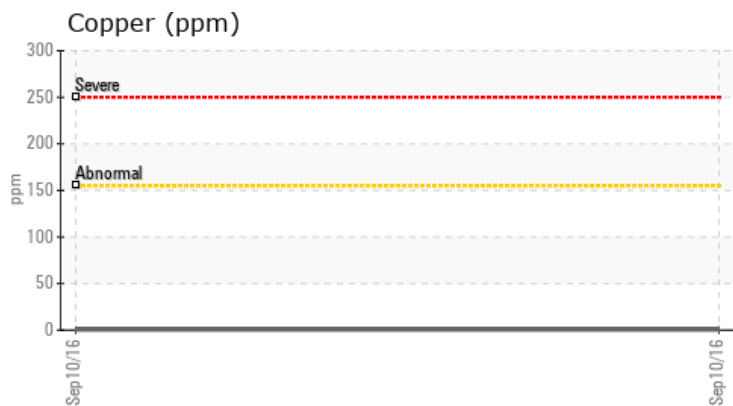
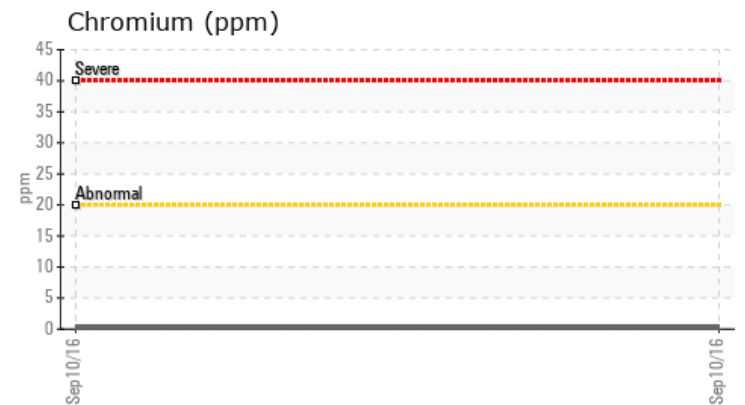
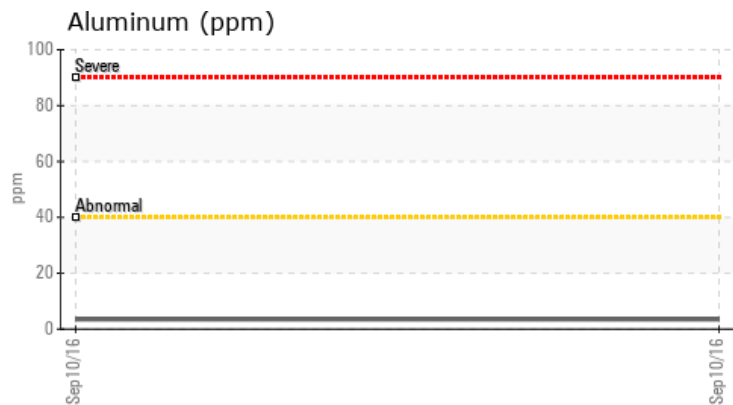
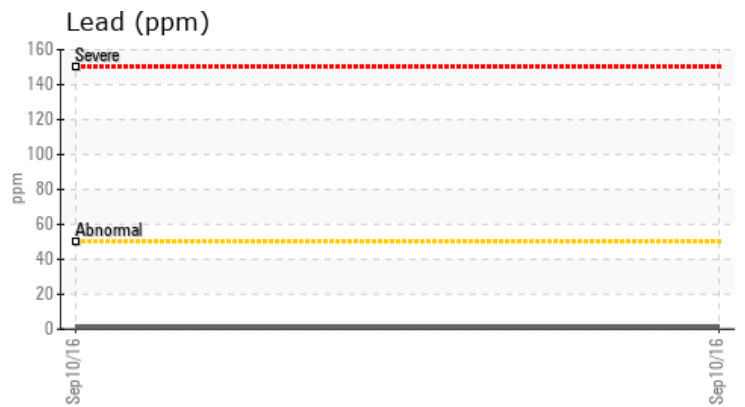
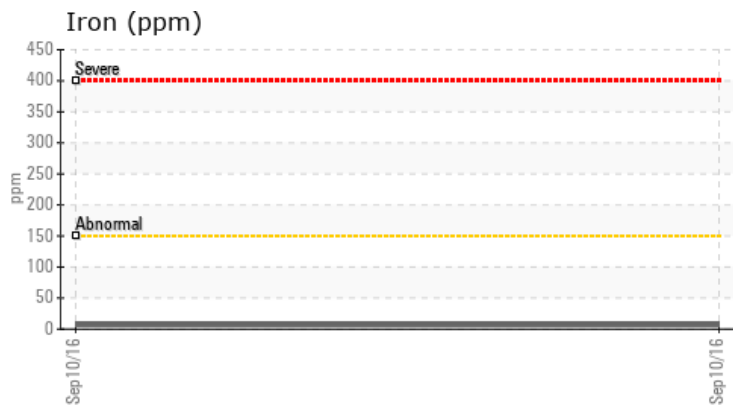
FLUID CONDITION

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

État de l'huile acceptable pour les heures de service.

Échantillonnez de nouveau dans 10 000 kilomètres pour un suivi.

Sodium	ppm	ASTM D5185		36	---	---
Boron	ppm	ASTM D5185		198	---	---
Barium	ppm	ASTM D5185		0	---	---
Molybdenum	ppm	ASTM D5185		68	---	---
Manganese	ppm	ASTM D5185		<1	---	---
Magnesium	ppm	ASTM D5185		9	---	---
Calcium	ppm	ASTM D5185		2258	---	---
Phosphorus	ppm	ASTM D5185		745	---	---
Zinc	ppm	ASTM D5185		851	---	---
Sulfur	ppm	ASTM D5185		2585	---	---
Oxidation	Abs/.1mm	ASTM D7414		16.7	---	---
Visc @ 40°C	cSt	ASTM D7279		49.2	---	---
Visc @ 100°C	cSt	ASTM D7279		8.5	---	---
Viscosity Index (VI)	Scale	ASTM D2270		149	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC960601 **Received** : 17 Oct 2016
Lab Number : 02104272 **Diagnosed** : 20 Oct 2016
Unique Number : 4394618 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: FuelDilution, Glycol, KV40, PercentFuel, VI)

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.