MOB II WEAR CHECK

MOBILE OIL ANALYSIS REPORT

CONTAMINATION	ABNORMAL
OIL CONDITION	NORMAL
WEAR	NORMAL

2011 FORD FUSION - Gasoline Engine

Unit Make	: FORD				
Unit Model	: FUSION	Serial No	: {n/a}	Date Rec'd	: Feb 4, 2015
Comp Make	: {n/a}	Cust. Ref No.	: {n/a}	Sample Date	: Jan 28, 2015
Comp Model	: {n/a}	Stub No.	: KL-M2311830	Diagnostician	: Jonathan Hester

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Sample Date				Current	UOM
Time on Unit				55000	mls
Time on Oil				20000	mls
Time on Fltr				7000	mls
Oil Maint.				not chg	---
Filter Maint.				n/a	---

CONTAMINATION

Elemental level of silicon (Si) above normal indicating ingress of seal material. The amount and size of particulates present in the system is acceptable.

Sample Date				Current	Abn
Silicon				**96**	30
Fuel (%)				<2.0	4.0
Glycol				---	0.06
Water (%)				<0.1	0.2
Soot (%)				0	---
>4μm(c)				358	---
>6μm(c)				195	---
>14μm(c)				33	---
>21μm(c)				11	---
>38μm(c)				1	---
>70μm(c)				0	---
ISO 4406(c)				15/12	---

OIL CONDITION

Oil Type: 5 QTS of CERMAX 5W30

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sample Date				Current	Base
Potassium				1.9	---
Boron				14	---
Barium				0.0	---
Calcium				2062	---
Magnesium				5.0	---
Molybdenum				134	---
Sodium				4.2	---
Phosphorus				631	---
Sulfur				1170	---
Zinc				769	---
Visc 100°C (cSt)				10.62	---
AN (mg/KOH/g)				3.34	---

WEAR

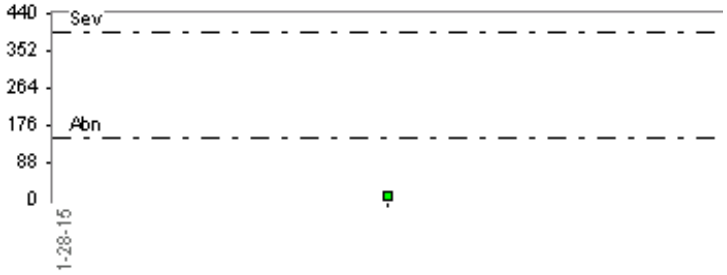
All component wear rates are normal.

Sample Date				Current	Abn
PQ				---	---
Iron				11	150
Nickel				0.1	5
Chromium				0.2	20
Titanium				0.0	---
Copper				2.1	155
Aluminum				3.9	40
Tin				0.9	10
Lead				0.0	50

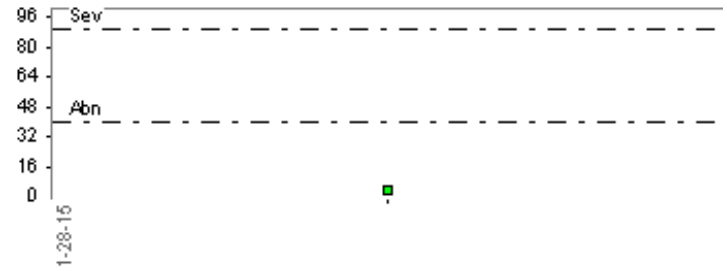
NOTE: all elemental values reported in parts per million (ppm).

Graphs

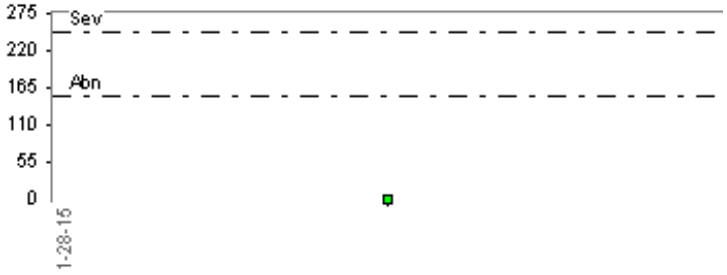
Iron (ppm)



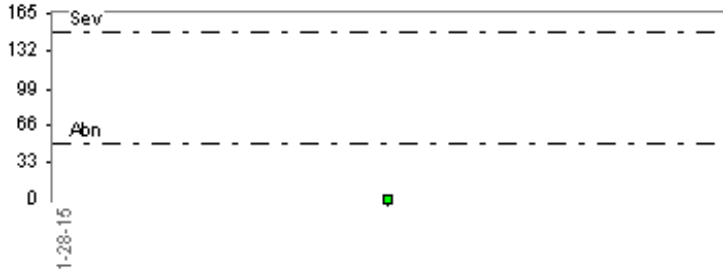
Aluminum (ppm)



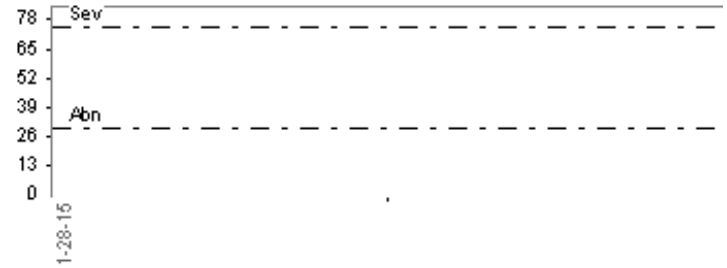
Copper (ppm)



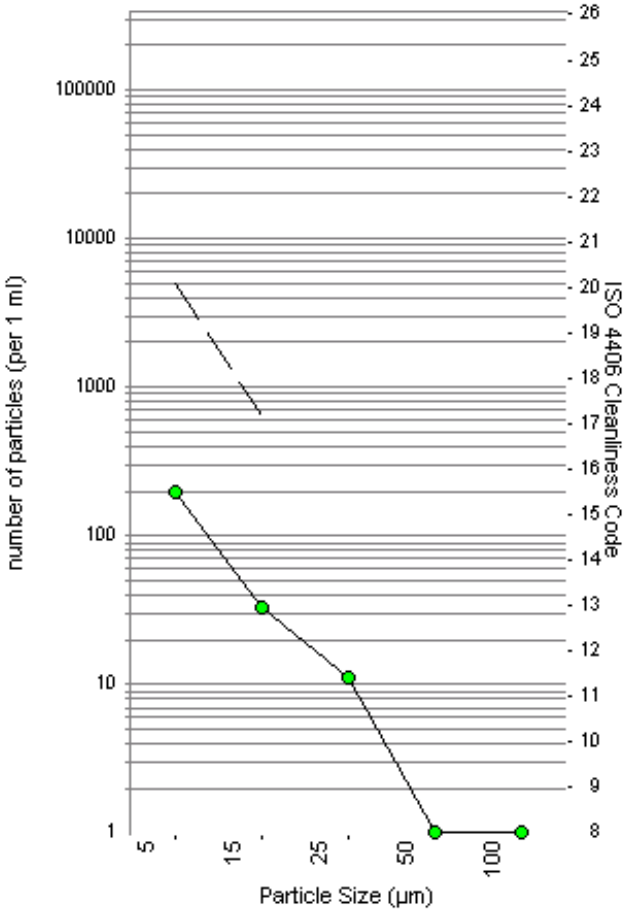
Lead (ppm)

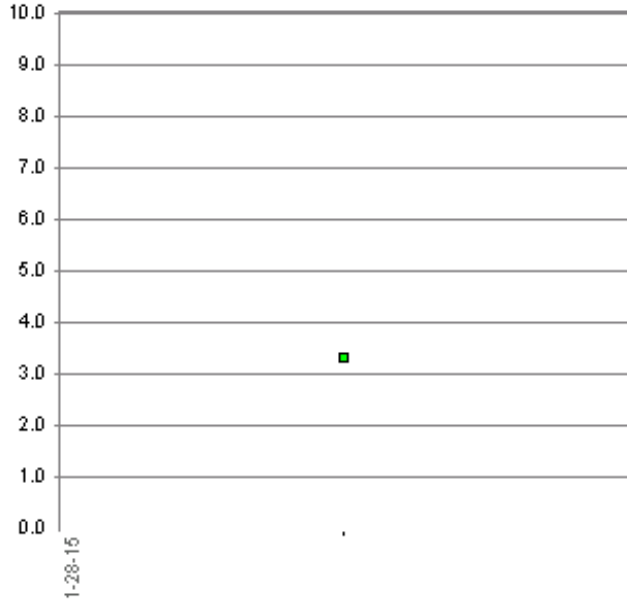


Silicon (ppm)



Particle Count Graph





If you have any questions concerning this sample report (reference work order no 03677511)

The leader in oil analysis

WearCheck International

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