



MOBILE OIL ANALYSIS REPORT

CONTAMINATION	NORMAL
OIL CONDITION	NORMAL
WEAR	NORMAL

AUDI - Diesel Engine

Unit Make : AUDI
 Unit Model : A6 TDI Serial No : {n/a} Date Rec'd : Jan 22, 2014
 Comp Make : {n/a} Cust. Ref No. : {n/a} Sample Date : Jan 20, 2014
 Comp Model : {n/a} Stub No. : WC- Diagnostician : Wes Davis

RECOMMENDATION

Resample at the next service interval to monitor.

Sample Date	01/04/14	Current	UOM
Time on Unit	625	2050	kms
Time on Oil	625	1350	kms
Time on Fltr	625	1350	kms
Oil Maint.	n/a	n/a	---
Filter Maint.	n/a	n/a	---

CONTAMINATION

There is no indication of any contamination in the component.

Sample Date	01/04/14	Current	Abn
Silicon	35	11	25
Potassium	5.8	5.8	20
Sodium	1.7	0.5	80
Fuel (%)	1.0	<2.0	5
Glycol	---	---	0.06
Water (%)	<0.1	<0.1	0.1
Soot (%)	0	0	3
Sulfation (%)	57	58	100
Nitration (%)	58	61	100

OIL CONDITION

Oil Type: 6.4 LTR of CASTROL EDGE PROFESSIONAL LL03 5W30

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sample Date	01/04/14	Current	Base
Boron	3.6	1.3	6.6
Barium	0.1	0.0	0.0
Calcium	1633	1675	2344
Magnesium	11	9.6	9.5
Molybdenum	3.6	1.0	0.2
Sodium	1.7	0.5	2.4
Phosphorus	774	789	958
Sulfur	2605	2663	4006
Zinc	1050	1074	1207
Visc 40°C (cSt)	66.2	78.9	109
Visc 100°C (cSt)	11.6	12.7	14.7
VI	171	160	139
Oxidation (%)	57	59	---
AN (mg/KOH/g)	---	---	---
BN (mg/KOH/g)	---	5.33	---

WEAR

Metal levels are typical for a new component breaking in.

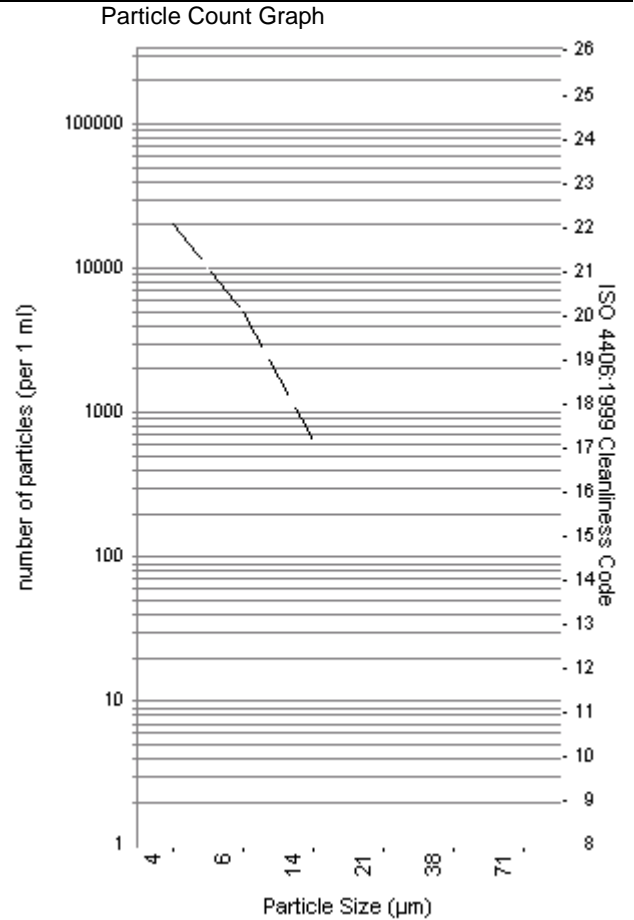
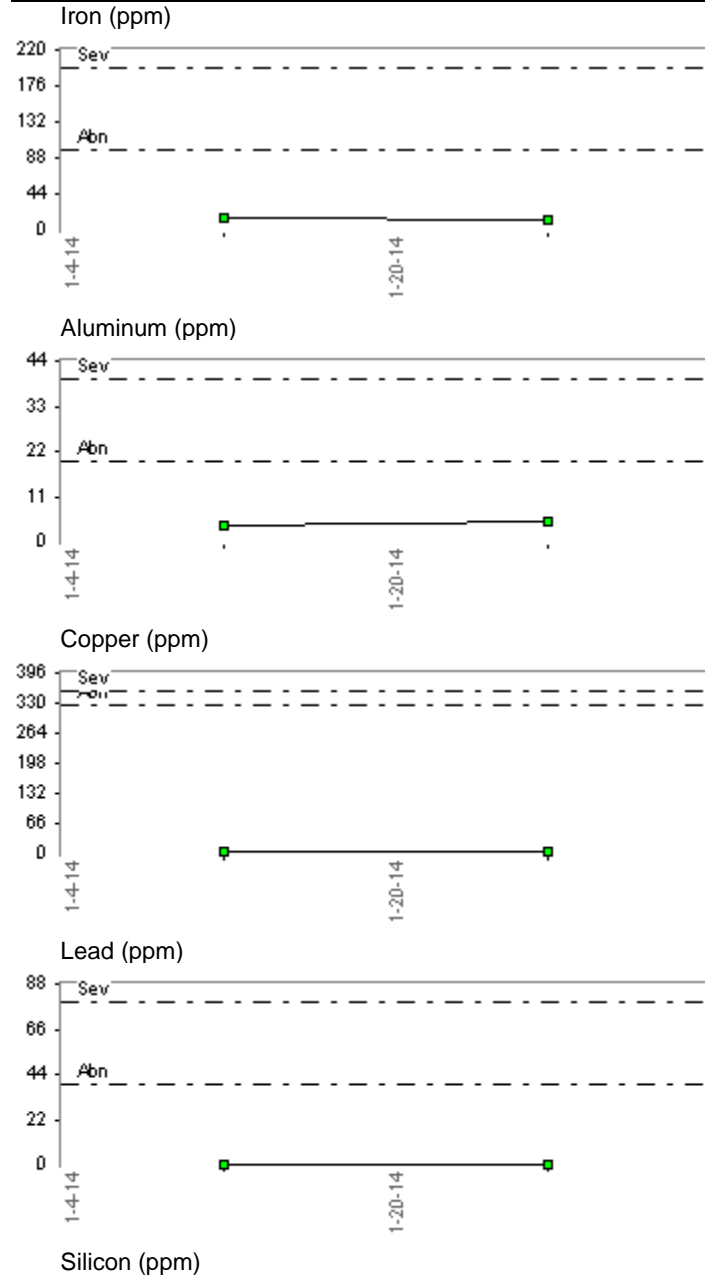
Sample Date	01/04/14	Current	Abn
*White Metal	VLITE	NONE	---
*Babbitt	NONE	NONE	---
PQ	---	5	---
Iron	16	13	100
Nickel	0.2	0.2	2

Chromium	1.1	0.6	20
Titanium	1.8	0.9	2
Copper	7.4	4.5	330
Aluminum	4.1	4.9	20
Tin	0.4	0.3	15
Lead	0.4	0.3	40

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

Graphs



TAN ■ TBN ●

