



MOBILE OIL ANALYSIS REPORT

CONTAMINATION
OIL CONDITION
WEAR

NORMAL
NORMAL
NORMAL

Basalite - CENTER LINE Hydraulic System

Unit Make : {n/a}

Unit Model : {n/a}

Comp Make : {n/a}

Comp Model : {n/a}

Serial No : {n/a}

Cust. Ref No. : {n/a}

Stub No. : KL-M2300157

Date Rec'd : Jan 2, 2013

Sample Date : Dec 10, 2012

Diagnostician : Don Baldrige

RECOMMENDATION

Resample at the next service interval to monitor.

Sample Date	03/09/12	06/06/12	09/12/12	Current	UOM
Time on Unit	4956	5218	5650	5964	hrs
Time on Oil	4956	5218	5650	5964	hrs
Time on Fltr	4956	5218	5650	5964	hrs
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 component. The amount and size of particulates present in the system is acceptable.

Sample Date	03/09/12	06/06/12	09/12/12	Current	Abn
Silicon	0.7	0.6	0.9	0.2	20
Potassium	0.0	0.6	0.0	2.5	20
Water (%)	<0.1	<0.1	<0.1	<0.1	0.1
>4µm(c)	34	1152	127	326	---
>6µm(c)	18	121	69	4	1300
>14µm(c)	3	5	11	0	160
>21µm(c)	1	2	4	0	---
>38µm(c)	0	0	0	0	---
>70µm(c)	0	0	0	0	---
ISO 4406(c)	11/9	14/10	13/11	9/7	>17/14

OIL CONDITION

Oil Type: 135 GAL of SHELL TELLUS 46

The condition of the oil is suitable for further service.

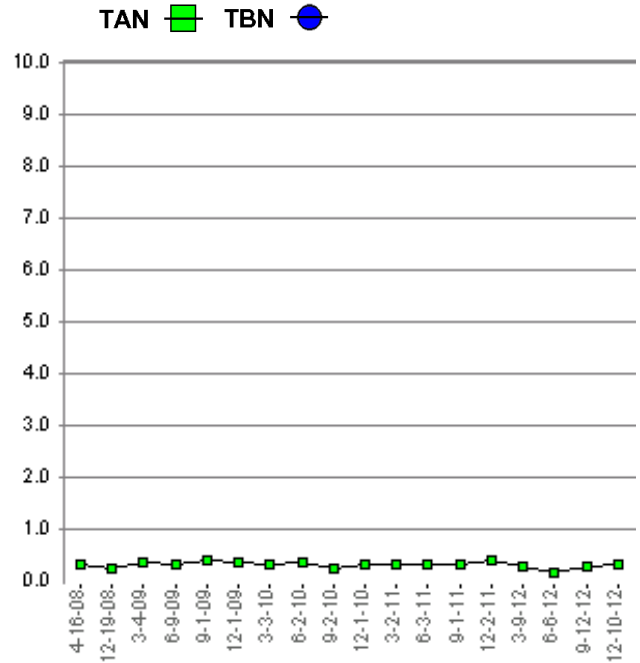
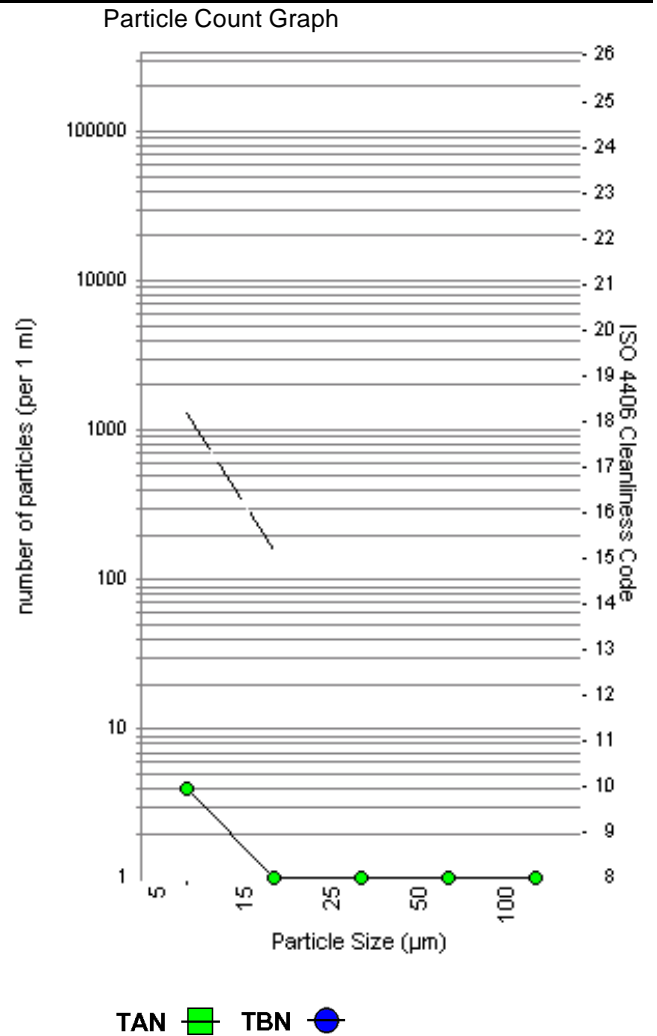
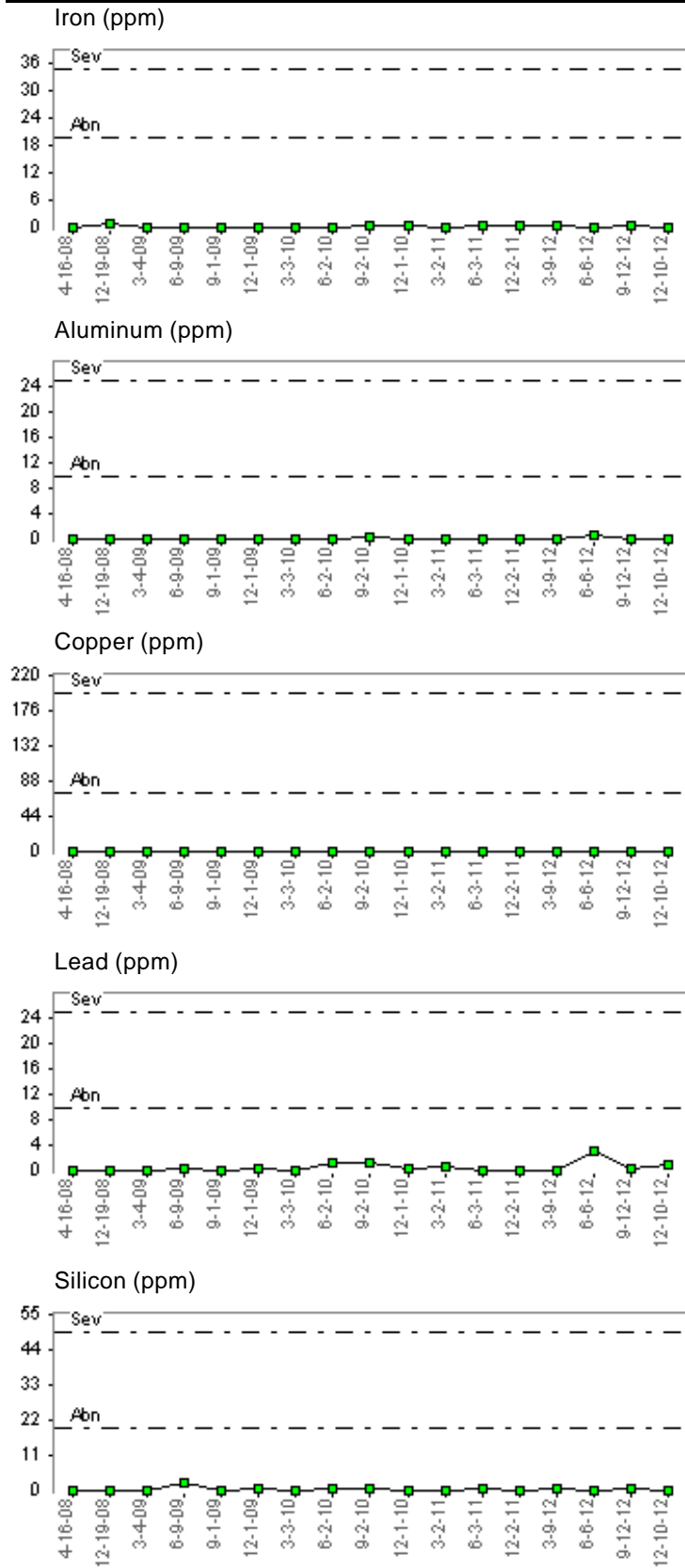
Sample Date	03/09/12	06/06/12	09/12/12	Current	Base
Boron	0.0	0.0	0.0	0.0	4.3
Barium	0.0	0.0	0.0	0.0	0
Calcium	57	51	55	51	49
Magnesium	8.5	5.6	6.6	3.0	0
Molybdenum	0.2	1.0	0.0	0.0	0
Phosphorus	360	366	352	353	256
Sulfur	5198	4687	5070	4832	2062
Zinc	250	243	244	242	328
Visc 40°C (cSt)	41.9	45.31	45.4	45.5	44
Visc 100°C (cSt)	---	---	---	---	6.6
AN (mg/KOH/g)	0.290	0.177	0.286	0.333	---
BN (mg/KOH/g)	---	---	---	---	---

WEAR

All component wear rates are normal.

Sample Date	03/09/12	06/06/12	09/12/12	Current	Abn
PQ	---	---	---	---	---
Iron	0.5	0.0	0.5	0.0	20
Nickel	0.0	0.1	0.0	0.0	---
Chromium	0.0	0.2	0.0	0.0	10
Titanium	0.0	0.0	0.0	0.0	---
Copper	0.9	1.2	0.8	0.5	75
Aluminum	0.0	0.7	0.1	0.0	10
Tin	0.0	0.0	0.0	0.0	10
Lead	0.0	3.3	0.5	1.2	10

Graphs



If you have any questions concerning this sample report (work order no03202700) please call 1-800-237-1369.



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

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