MOB II WEAR CHECK

MOBILE OIL ANALYSIS REPORT

CONTAMINATION	NORMAL
OIL CONDITION	NORMAL
WEAR	NORMAL

Basalite CUBER - Hydraulic System

Unit Make	: {n/a}				
Unit Model	: {n/a}	Serial No	: {n/a}	Date Rec'd	: Oct 15, 2008
Comp Make	: {n/a}	Cust. Ref No.	: {n/a}	Sample Date	: Oct 2, 2008
Comp Model	: {n/a}	Stub No.	: KL-M2201344	Diagnostician	: Jonathan Hester

RECOMMENDATION

Resample at the next service interval to monitor.

Sample Date			04/16/08	Current	UOM
Time on Unit			2000	2455	hrs
Time on Oil			2000	2455	hrs
Time on Fltr			0	2455	hrs
Oil Maint.			not chg	n/a	---
Filter Maint.			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			04/16/08	Current	Abn
Silicon			0.5	3.8	20
Potassium			0.0	1.3	20
Water (%)			<0.1	<0.1	0.1
>4µm(c)			15098	2425	---
>6µm(c)			1111	50	1300
>14µm(c)			56	2	160
>21µm(c)			10	0	---
>38µm(c)			1	0	---
>70µm(c)			0	0	---
ISO 4406(c)			17/13	13/8	>17/14

OIL CONDITION

Oil Type: 150 GAL of SHELL TELLUS 46

The condition of oil is suitable for further service.

Sample Date			04/16/08	Current	Base
Boron			0.0	0.0	4.3
Barium			0.0	0.0	0
Calcium			52	47	49
Magnesium			11	8.6	0
Molybdenum			0.0	0.6	0
Phosphorus			256	224	256
Sulfur			4813	4302	2062
Zinc			293	267	328
Visc 40°C (cSt)			46.42	46.63	44
Visc 100°C (cSt)			---	---	6.6
AN (mg/KOH/g)			0.384	0.438	---
BN (mg/KOH/g)			---	---	---

WEAR

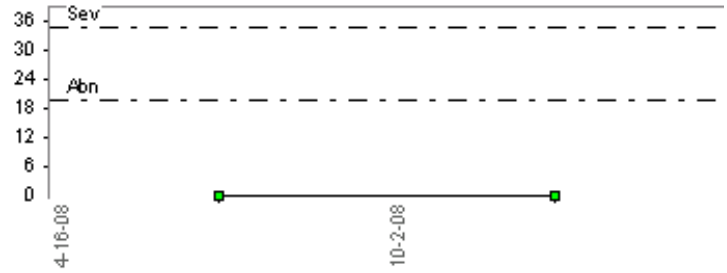
All component wear rates are normal.

Sample Date			04/16/08	Current	Abn
PQ			---	---	---
Iron			0.2	0.4	20
Nickel			0.0	0.2	---
Chromium			0.0	0.0	10
Titanium			0.0	0.0	---
Copper			0.9	1.0	75
Aluminum			0.0	0.3	10
Tin			0.0	0.0	10
Lead			0.5	1.4	10

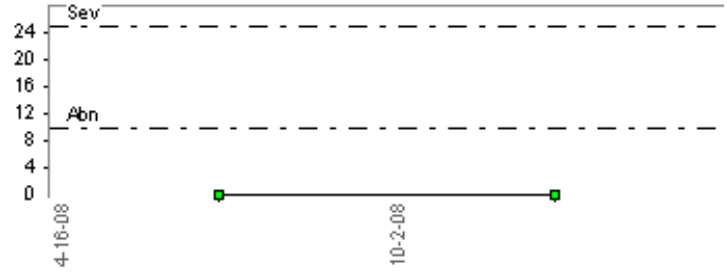
NOTE: all elemental values reported in parts per million (ppm)

Graphs

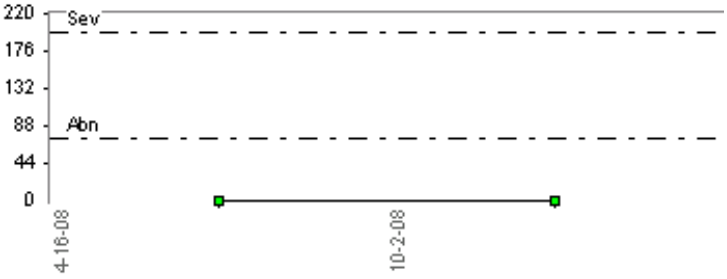
Iron (ppm)



Aluminum (ppm)

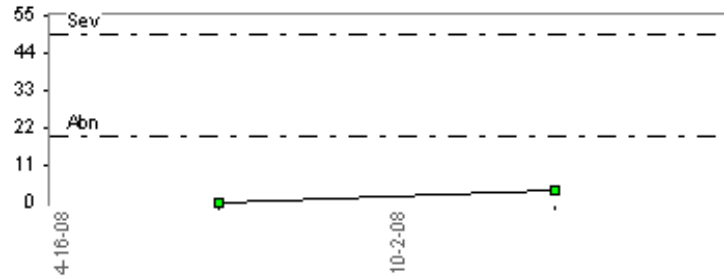


Copper (ppm)

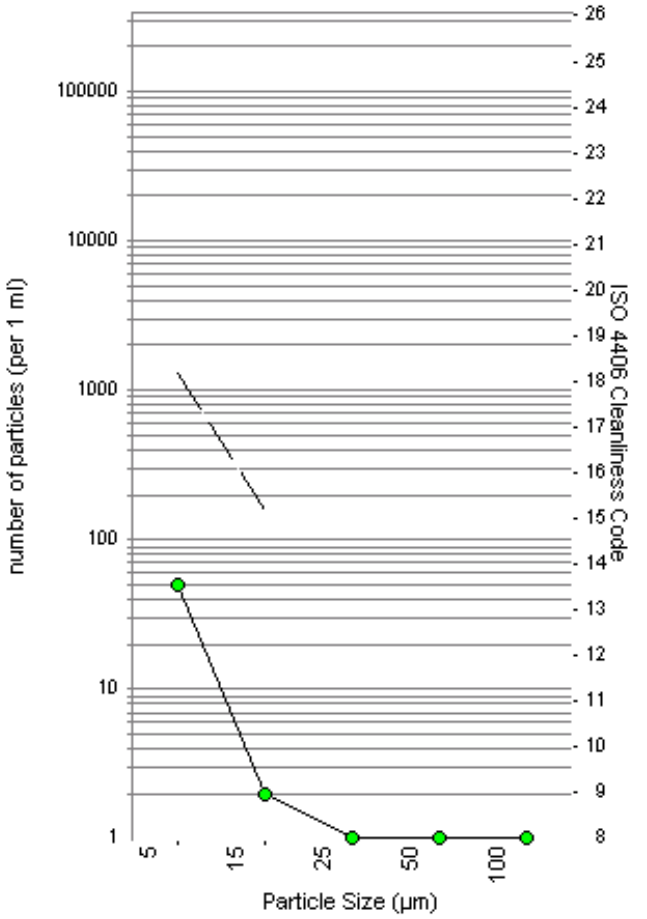


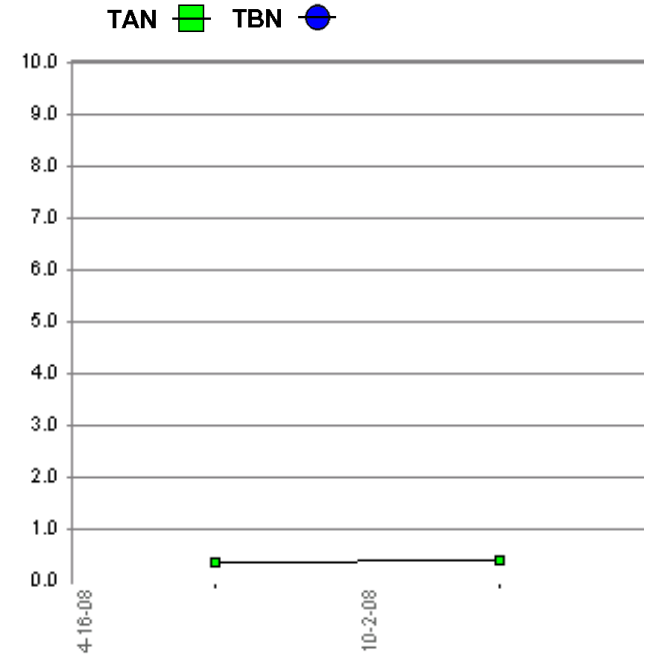
Lead (ppm)

Silicon (ppm)



Particle Count Graph





If you have any questions concerning this sample report (work order no02268807) please call 1-800-237-1369.

The leader in oil analysis

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