



MOBILE OIL ANALYSIS REPORT

CONTAMINATION
OIL CONDITION
WEAR

NORMAL
NORMAL
NORMAL

RL108 - Hydraulic System

Unit Make : TRUCK-WASTE

Unit Model : {n/a}

Serial No : {n/a}

Date Rec'd : Dec 5, 2011

Comp Make : {n/a}

Cust. Ref No. : {n/a}

Sample Date : Nov 14, 2011

Comp Model : {n/a}

Stub No. : KL-M2216258

Diagnostician : Don Baldrige

RECOMMENDATION

Resample at the next service interval to monitor.

Sample Date	05/18/11	07/15/11	09/27/11	Current	UOM
Time on Unit	3780	4037	4357	4484	hrs
Time on Oil	1381	1638	1958	2085	hrs
Time on Fltr	651	908	1228	1355	hrs
Oil Maint.	not chg	not chg	not chg	not chg	---
Filter Maint.	changed	not chg	changed	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	05/18/11	07/15/11	09/27/11	Current	Abn
Silicon	1.6	1.5	1.2	1.4	---
Potassium	0.0	1.7	0.0	0.0	---
Water (%)	<0.1	<0.1	<0.1	<0.1	0.1
>4µm(c)	221	216	288	166	---
>6µm(c)	14	117	6	11	1300
>14µm(c)	1	20	1	2	160
>21µm(c)	0	6	0	0	
>38µm(c)	0	1	0	0	
>70µm(c)	0	0	0	0	
ISO 4406(c)	11/7	14/11	10/7	11/8	17/14

OIL CONDITION

The condition of oil is suitable for further service.

Sample Date	05/18/11	07/15/11	09/27/11	Current	Base
Boron	0.0	0.1	0.3	0.2	
Barium	0.0	0.0	0.0	0.0	
Calcium	59	73	60	53	
Magnesium	0.0	0.9	0.0	0.0	
Molybdenum	0.1	0.0	0.0	0.0	
Phosphorus	321	350	333	342	
Sulfur	754	824	762	743	
Zinc	388	405	411	401	
Visc@40°C	45.63	45.67	45.69	46.46	
Visc@100°C	---	---	---	---	
TAN	0.600	0.536	0.534	0.583	
TBN	---	---	---	---	

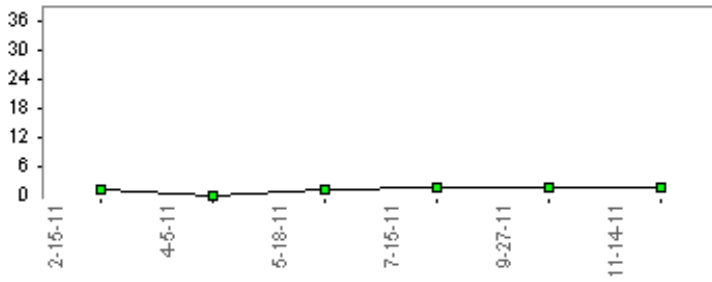
WEAR

All component wear rates are normal.

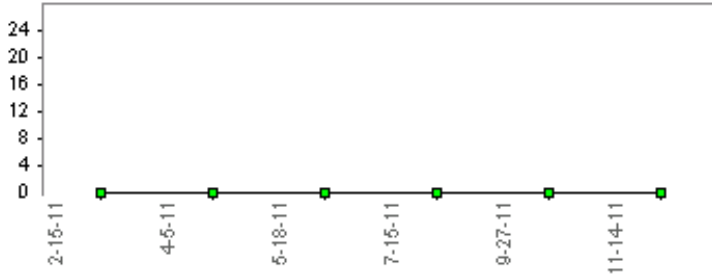
Sample Date	05/18/11	07/15/11	09/27/11	Current	Abn
PQ	---	---	---	---	---
Iron	1.5	1.8	1.8	2.0	---
Nickel	0.0	0.9	0.0	0.0	---
Chromium	0.1	0.1	0.1	0.1	---
Titanium	0.0	0.0	0.0	0.0	---
Copper	16	16	18	18	---
Aluminum	0.2	0.0	0.0	0.1	---
Tin	0.4	0.0	1.5	0.0	---
Lead	2.8	0.0	0.0	1.6	---

Graphs

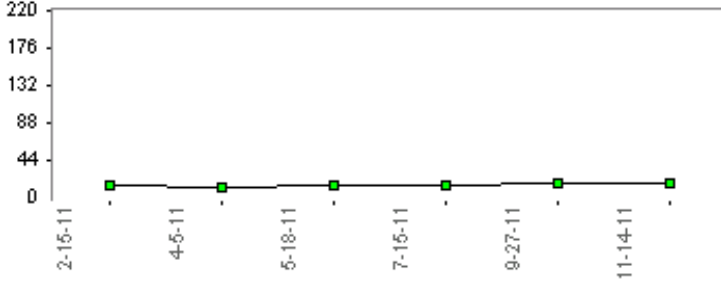
Iron (ppm)



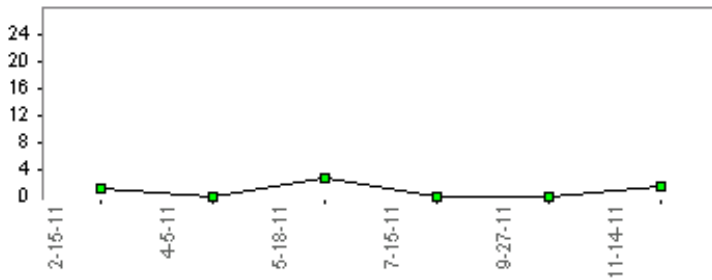
Aluminum (ppm)



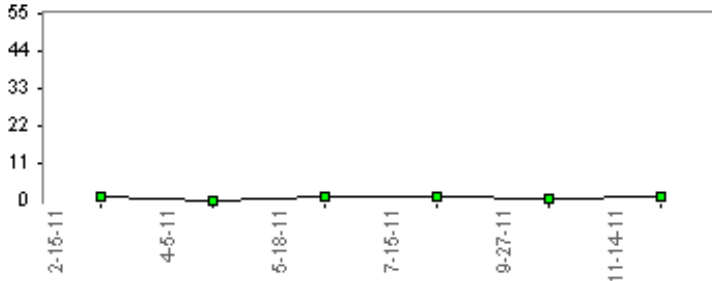
Copper (ppm)



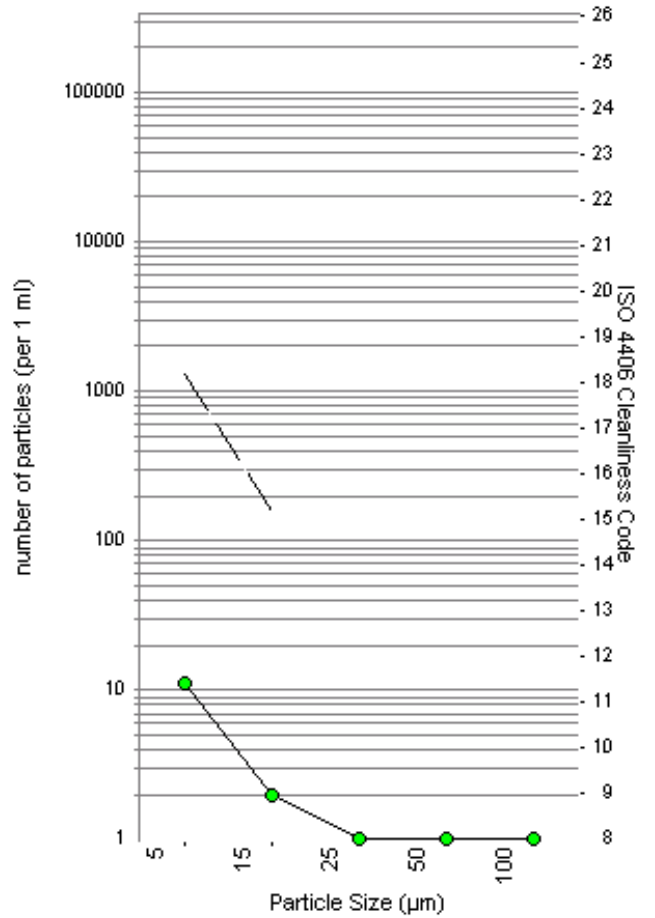
Lead (ppm)



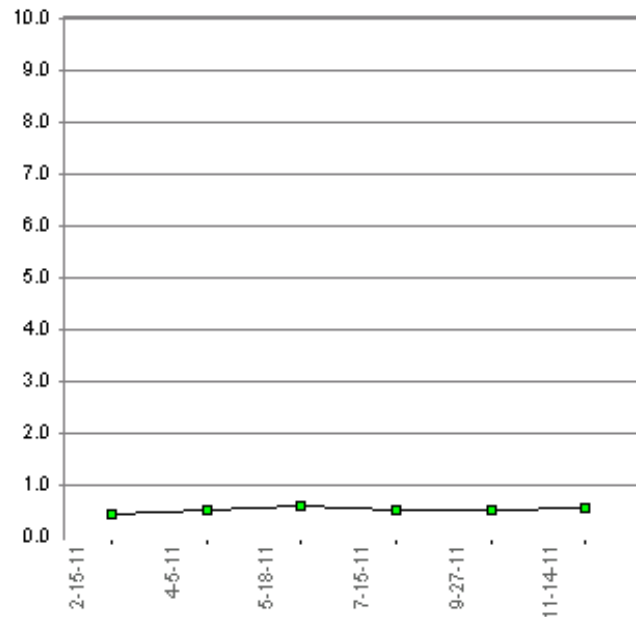
Silicon (ppm)



Particle Count Graph



TAN ■ TBN ●



If you have any questions concerning this sample report (work order no 02974416) please call 1-800-237-1369.

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