



MOBILE OIL ANALYSIS REPORT

CONTAMINATION
OIL CONDITION
WEAR

ABNORMAL
NORMAL
NORMAL

132064 - Diesel Engine

Unit Make : CUMMINS

Unit Model : RED10P

Comp Make : FREIGHTLINER

Comp Model : {n/a}

Serial No : {n/a}

Cust. Ref No. : {n/a}

Stub No. : KL-M2313047

Date Rec'd : Feb 4, 2015

Sample Date : Jan 24, 2015

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	1059000	mls
Time on Oil	10000	mls
Time on Fltr	10000	mls
Oil Maint.	n/a	---
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	27	25
Fuel (%)	<2.0	5
Glycol	---	0.06
Water (%)	<0.1	0.2
Soot (%)	0.5	3
>4µm(c)	589	---
>6µm(c)	321	---
>14µm(c)	54	---
>21µm(c)	18	---
>38µm(c)	2	---
>70µm(c)	0	---
ISO 4406(c)	16/13	---

OIL CONDITION

Oil Type: 10 GAL of CERMA

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

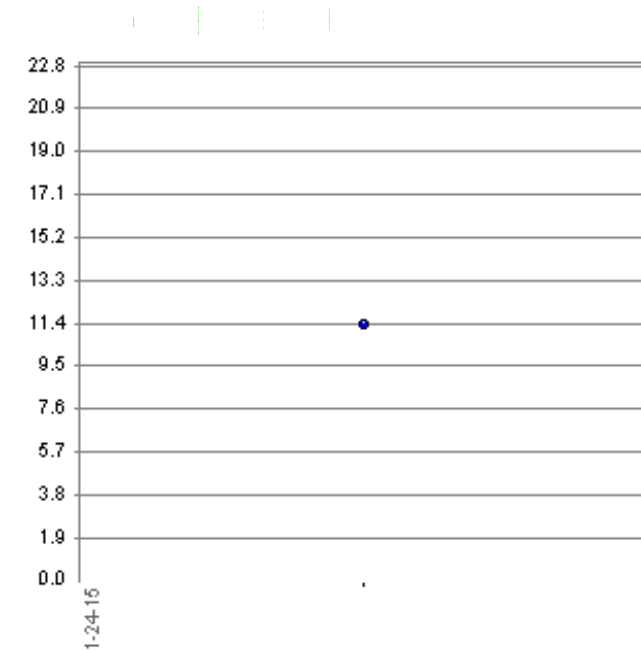
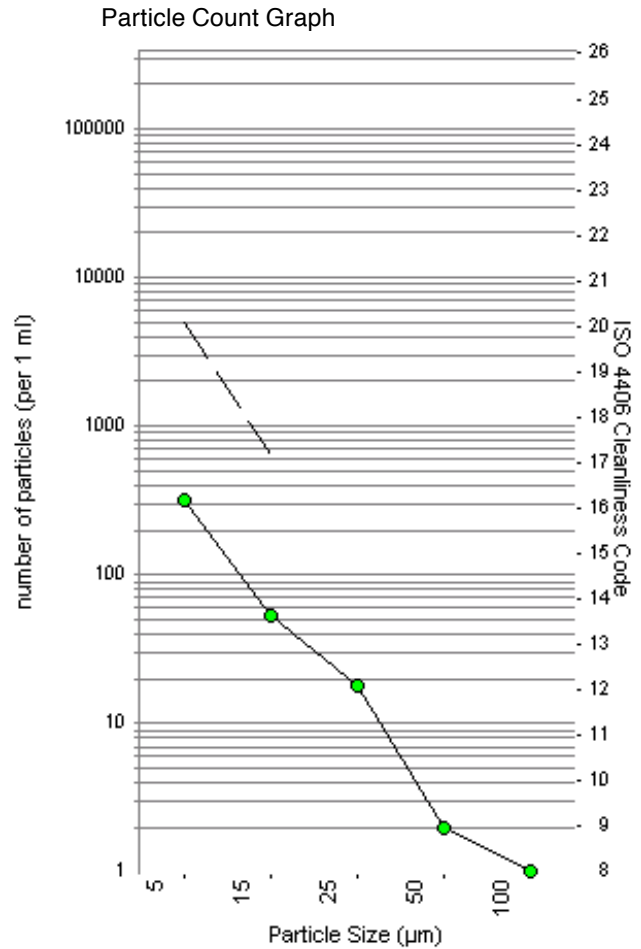
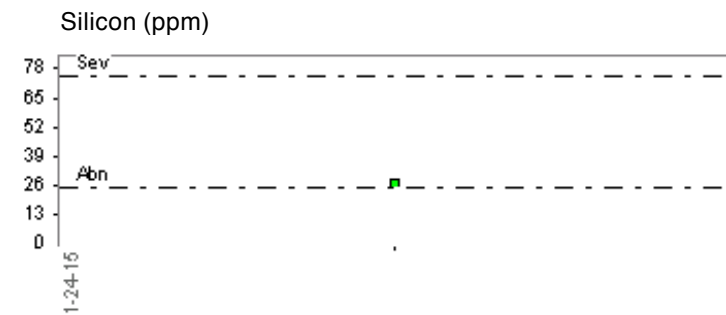
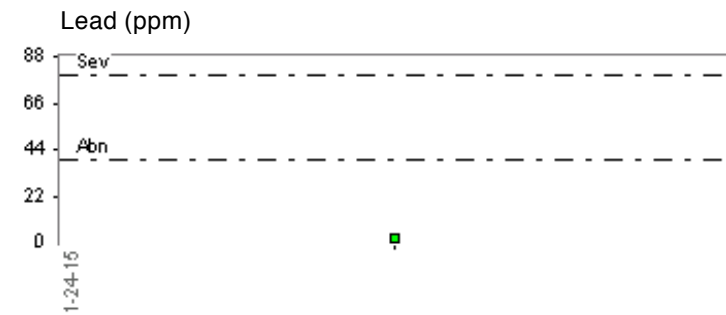
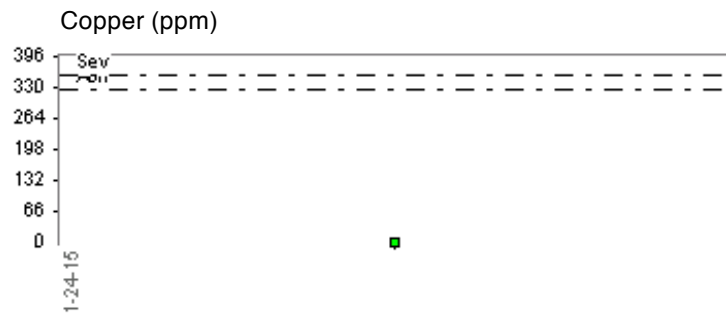
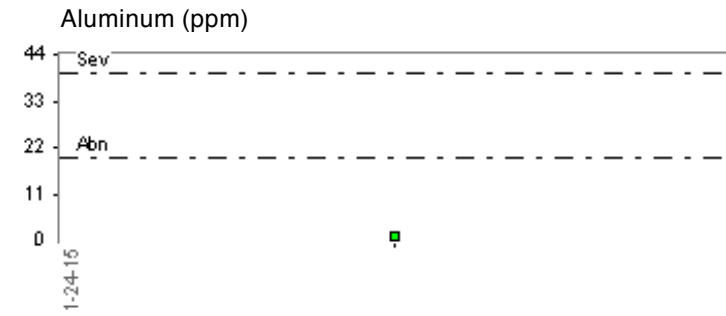
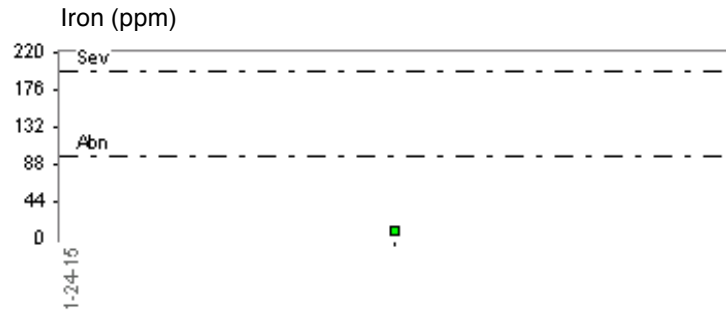
Sample Date	Current	Base
Potassium	0.7	---
Boron	1.4	---
Barium	0.0	---
Calcium	3772	---
Magnesium	6.1	---
Molybdenum	79	---
Sodium	0.7	---
Phosphorus	852	---
Sulfur	1902	---
Zinc	988	---
Visc 100°C (cSt)	12.5	---
BN (mg/KOH/g)	11.4	---

WEAR

All component wear rates are normal.

Sample Date	Current	Abn
PQ	---	---
Iron	11	100
Nickel	0.0	2
Chromium	1.0	20
Titanium	0.0	2
Copper	1.1	330
Aluminum	1.4	20
Tin	0.5	15
Lead	2.5	40

Graphs



If you have any questions concerning this sample report (reference work order no 03677508)



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WearCheck International
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ATTN: DEAN WICKER
 D & D OIL SOLUTIONS
 1401 SOUTH MERIDIAN AVE.
 OKLAHOMA CITY, OK 73173
 (405) 388-5644