MOB II WEAR CHECK

MOBILE OIL ANALYSIS REPORT

CONTAMINATION	NORMAL
OIL CONDITION	NORMAL
WEAR	NORMAL

Arkhola-Apac - Diesel Engine

Unit Make	: KENWORTH				
Unit Model	: W900	Serial No	: {n/a}	Date Rec'd	: Feb 11, 2008
Comp Make	: CUMMINS	Cust. Ref No.	: {n/a}	Sample Date	: Jan 31, 2008
Comp Model	: ISM-320V	Stub No.	: KL-M2204052	Diagnostician	: Doug Bogart

RECOMMENDATION

Resample at the next service interval to monitor.

Sample Date	04/19/07	07/11/07	11/12/07	Current	UOM
Time on Unit	506	965	1700	2012	hrs
Time on Oil	200	365	1100	1502	hrs
Time on Fltr	200	665	800	300	hrs
Oil Maint.	changed	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	04/19/07	07/11/07	11/12/07	Current	Abn
Silicon	18	10	10	9.2	
Fuel (%)	<2.0	<2.0	<2.0	<2.0	
Glycol	---	---	---	---	
Water (%)	<0.1	<0.1	<0.1	<0.1	
Soot (%)	0.7	0.9	1.5	1.8	
>2µm	538	1474	884	141	
>5µm	293	803	481	76	
>15µm	49	136	82	13	
>25µm	16	46	27	4	
>50µm	2	7	4	0	
>100µm	0	0	0	0	
ISO 4406	15/13	17/14	16/14	13/11	

OIL CONDITION

Oil Type: VALVOLINE 15W40

The condition of oil is suitable for further service.

Sample Date	04/19/07	07/11/07	11/12/07	Current	Base
Potassium	5.1	0.0	9.5	0.0	
Boron	276	54	26	15	
Barium	7.1	1.4	0.9	1.6	
Calcium	1835	1715	1688	1576	
Magnesium	311	524	535	534	
Molybdenum	106	44	42	36	
Sodium	6.2	2.4	3.2	4.1	
Phosphorus	1068	1064	1052	1016	
Sulfur	3375	4152	3296	3475	
Zinc	1171	1206	1237	1147	
Visc@100°C	13.00	12.9	13.4	13.5	
TBN	7.78	7.72	6.33	6.27	

WEAR

All component wear rates are normal.

Sample Date	04/19/07	07/11/07	11/12/07	Current	Abn
Iron	41	42	73	78	---
Nickel	0.1	0.2	0.5	0.5	---
Chromium	1.5	2.0	3.3	3.5	---
Titanium	0.0	0.2	0.2	0.2	---
Copper	12	13	65	56	---
Aluminum	5.2	2.0	2.8	2.9	---
Tin	4.3	0.0	1.1	0.0	---
Lead	2.7	3.4	3.8	5.5	---
Silver	0.0	0.0	0.0	0.0	---