



MOBILE OIL ANALYSIS REPORT

 CONTAMINATION
 OIL CONDITION
 WEAR

NORMAL

NORMAL

NORMAL

Golden Spread Ready Mix

Unit Make : INTERNATIONAL

Unit Model : PAYSTAR 5000

Comp Make : CUMMINS

Comp Model : ISM

Serial No : XYJ004468

Cust. Ref No. : {n/a}

Stub No. : KL-M2203095

Date Rec'd : Jan 24, 2008

Sample Date : Jan 16, 2008

Diagnostician : Doug Bogart

RECOMMENDATION

Resample at the next service interval to monitor.

Sample Date	05/24/07	10/02/07	Current	UOM
Time on Unit	11282	11869	12336	hrs
Time on Oil	569	982	1449	hrs
Time on Fltr	569	982	1449	hrs
Oil Maint.	not chg	n/a	not chg	---
Filter Maint.	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	05/24/07	10/02/07	Current	Abn
Silicon	3.7	3.0	4.8	
Fuel (%)	<2.0	<2.0	<2.0	
Glycol	---	---	---	
Water (%)	<0.1	<0.1	<0.1	
Soot (%)	0.8	2.1	1.6	
>2µm	884	1512	423	
>5µm	481	824	230	
>15µm	82	140	39	
>25µm	27	47	13	
>50µm	4	7	2	
>100µm	0	0	0	
ISO 4406	16/14	17/14	15/12	

OIL CONDITION

Oil Type: 36 QTS of EXXON XD-3 SAE 15W40

The condition of oil is suitable for further service.

Sample Date	05/24/07	10/02/07	Current	Base
Potassium	5.2	9.9	1.4	
Boron	1.5	0.1	4.5	
Barium	0.0	0.0	0.0	
Calcium	2245	2111	2388	
Magnesium	280	257	255	
Molybdenum	3.4	0.0	0.4	
Sodium	1.7	4.3	1.6	
Phosphorus	1172	1071	1103	
Sulfur	6280	5159	5828	
Zinc	1186	1160	1267	
Visc@100°C	14.00	14.8	14.9	14.4
TBN	9.25	7.87	6.79	

WEAR

All component wear rates are normal.

Sample Date	05/24/07	10/02/07	Current	Abn
Iron	15	38	49	---
Nickel	0.1	0.4	0.0	---
Chromium	1.4	2.2	2.2	---
Titanium	0.2	0.3	0.0	---
Copper	1.4	3.9	4.0	---
Aluminum	1.2	2.6	2.8	---
Tin	0.0	0.0	0.4	---
Lead	1.4	10	15	---
Silver	0.0	0.1	0.0	---