


Treated vs Un-Treated

Written by Dan

Monday, 10 October 2011 13:16 -

MOB  MOBILE OIL ANALYSIS REPORT		500 CAT	Aux Kubota	CMI600	Un-Treated
12hrs after oil Change Without MoreMPG Treatment					
Unit Make	: (n/a)				
Unit Model	: (n/a)				
Comp Make	: (n/a)				
Comp Model	: (n/a)				
Serial No.	: (n/a)				
Cust. Ref No.	: (n/a)				
Stub No.	: (n/a)				
RECOMMENDATION		Current	Current	Current	UOM
Resample at the next service interval to monitor.					
Sample Date		12000	2400	2400	hrs
Time on Unit	>	320	320	12	hrs
Time on Oil		0	0	11	hrs
Time on Fldr		m/a	m/a	m/a	---
Oil Maint.		m/a	m/a	m/a	---
Filter Maint.		m/a	m/a	m/a	---
CONTAMINATION		Current	Current	Current	Abn
This is no indication of any contamination in the component.					
Sample Date					
Silicon		85	17	45	15
Potassium		1.6	1.5	0.4	10
Sodium		1.7	1.1	0.4	50
Fuel (%)		<2.0	<2.0	<2.0	4
Glycol		---	---	---	0.02
Water (%)		<0.1	<0.1	<0.1	0.1
Soot (%)		92	8	30	3
Sulfation		67	60	45	100
Nitration		73	53	34	100
WEAR		Current	Current	Current	Abn
All component wear rates are normal.					
Sample Date	>				
Iron		15	11	10	100
Nickel		0.2	0.0	1.1	2
Chromium	>	0.3	0.1	0.5	20
Titanium		0.0	0.0	0.0	3
Copper		1.6	0.2	1.0	330
Aluminum		1.3	1.1	1.2	20
Pin		0.0	0.0	0.0	15
Lead	>	2.4	0.0	2.0	60
Silver		0.0	0.0	0.0	2
OIL CONDITION		Current	Current	Current	Base
The condition of the oil is acceptable for the time in service.					
Sample Date					
Boron		2.4	1.6	2.0	
Barium		60	60	60	
Calcium		2330	2280	2090	
Magnesium		9.2	9.3	1.89	
Dilution		1.5	1.7	1.4	
Sodium		1.7	1.1	1.1	
Phosphorus		981	993	837	
Sulfur		3053	3221	5010	
Zinc		1230	1267	1930	
Visc@40°C		---	---	---	
Visc@100°C	>	13.0	14.8	12.8	
DI		---	---	---	
Oxidation		72	63	45	