


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					
Resample at the next service interval to monitor.					
Sample Date		Current	Current	Current	UOM
Time on Unit	12000	2400	2400		hrs
Time on Oil	320	320	320		hrs
Time on Fldr	0	0	0		hrs
Oil Maint.	m/a	m/a	m/a		---
Filter Maint.	m/a	m/a	m/a		---
CONTAMINATION					
This is no indication of any contamination in the component.					
Sample Date		Current	Current	Current	Abn
Silicon	85	17	48		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	8		3
Sulfation	67	60	48		100
Nitration	73	53	34		100
WEAR					
All component wear rates are normal.					
Sample Date		Current	Current	Current	Abn
Iron	15	1.1	1.1		100
Nickel	0.2	0.0	1.1		2
Chromium	0.3	0.1	0.5		20
Titanium	0.0	0.0	0.0		2
Copper	1.6	0.2	1.1		330
Aluminum	1.3	1.1	1.2		20
Pin	0.0	0.0	0.0		15
Lead	2.1	0.0	2.0		40
Silver	0.0	0.0	0.0		2
OIL CONDITION					
The condition of the oil is acceptable for the time in service.					
Sample Date		Current	Current	Current	Base
Boron	2.4	1.6	2.0		
Barium	60	60	60		
Calcium	2330	2280	2090		
Magnesium	9.2	9.3	149		
Dithyodanum	1.5	1.7	1.4		
Sodium	1.7	1.1	1.1		
Phosphorus	981	993	837		
Sulfur	3053	3221	5019		
Zinc	1230	1267	1930		
Visc@40°C	---	---	---		
Visc@100°C	13.0	14.8	12.8		
TOT	---	---	---		
Oxidation	72	63	45		