


Treated vs Un-Treated

Written by Dan

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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 Mgmt	m/a	m/a	m/a		---
Filter Mgmt	m/a	m/a	m/a		---
CONTAMINATION					
There is no indication of any contamination in the component.					
Sample Date		Current	Current	Current	Abn
Silicon		85	57	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	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	2
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					
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	1.89	
Dithyodanum		1.5	1.7	1.4	
Sodium		1.7	1.1	1.1	
Phosphorus		981	993	837	
Sulfur		3055	3221	5010	
Zinc		1230	1267	1930	
Visc@40°C		---	---	---	
Visc@100°C		13.0	14.8	12.8	
TN		---	---	---	
Oxidation		72	63	45	