


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		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 Ftr	m/a	m/a	m/a	---
	Oil Maint.	m/a	m/a	m/a	---
	Filter Maint.	m/a	m/a	m/a	---
CONTAMINATION	Sample Date	Current	Current	Current	Abn
This is no indication of any contamination in the component.	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	Sample Date	Current	Current	Current	Abn
All component wear rates are normal.	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	1.0	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	Sample Date	Current	Current	Current	Base
The condition of the oil is acceptable for the time in service.	Boron	2.4	1.6	2.0	
	Barium	0.0	0.0	0.0	
	Calcium	2330	2280	2090	
	Magnesium	9.2	9.3	149	
	Dilution	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	