


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		
Unit Make : (n/a)		12hrs after oil Change Without MoreMPG Treatment											
Unit Model : (n/a)		Serial No. : (n/a)											
Comp Make :		Cust. Ref.No. : (n/a)											
Comp Model :		Stub No. :											
RECOMMENDATION		Sample Date	Current	Current	Current	UOM							
Resample at the next service interval to monitor.		Time on Unit	12000	2400	2400	hrs							
		Time on Oil	320	320	12	hrs							
		Time on Fldr	0	0	11	hrs							
		Oil Maint.	m/a	m/a	m/a	---							
		Filter Maint.	m/a	m/a	m/a	---							
CONTAMINATION		Sample Date	Current	Current	Current	Abn							
There is no indication of any contamination in the component.		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	3	3							
		Sulfation	67	60	45	100							
		Nitration	73	53	34	100							
WEAR		Sample Date	Current	Current	Current	Abn							
All component wear rates are normal.		Iron	15	1	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							
		Iron	0.0	0.0	0.5	15							
		Lead	2.4	0.0	2.0	40							
		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	2040								
		Magnesium	9.2	9.3	149								
		Dilub/Olefin	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								