

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



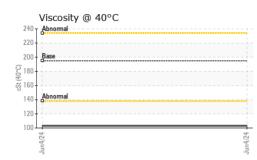
Area Miachine Id ME-003 CATERPILLAR 980M MK210364 Rear Right Final Drive

MOBIL MOBILTRANS HD 50 (--- GAL)

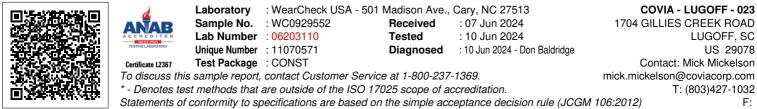
DIAGNOSIS SAMPLE INFORMATION method WC0929552 Sample Number **Client Info** Recommendation Resample at the next service interval to monitor. 04 Jun 2024 Sample Date Client Info 19831 Machine Age hrs **Client Info** Wear All component wear rates are normal. Oil Age hrs Client Info 1000 Oil Changed Client Info Not Changd Contamination NORMAL Sample Status There is no indication of any contamination in the oil CONTAMINATION Fluid Condition Water WC Method >0.2 NEG Confirm oil type. The condition of the oil is acceptable for the time in service. WEAR METALS Iron ppm ASTM D5185m >800 168 Chromium ASTM D5185m >10 <1 ppm Nickel 0 ppm ASTM D5185m >5 Titanium ASTM D5185m >15 2 ppm 0 Silver >2 ppm ASTM D5185m Aluminum ppm ASTM D5185m >75 2 Lead ASTM D5185m >10 0 ppm Copper 19 ppm ASTM D5185m >75 Tin ASTM D5185m >8 <1 ppm Vanadium 0 ppm ASTM D5185m Cadmium ppm ASTM D5185m 0 Boron ASTM D5185m <1 ppm Barium ppm ASTM D5185m 0 Molvbdenum ASTM D5185m 0 ppm ASTM D5185m 2 Manganese ppm 9 Magnesium ASTM D5185m ppm Calcium ASTM D5185m 3091 ppm Phosphorus ASTM D5185m 1037 ppm Zinc ppm ASTM D5185m 1219 Sulfur ASTM D5185m 7114 ppm Silicon ppm ASTM D5185m >400 9 Sodium ASTM D5185m 11 ppm Potassium ASTM D5185m >20 0 ppm VISUAL White Metal scalar *Visual NONE NONE Yellow Metal *Visual NONE NONE scalar Precipitate *Visual NONE NONE scalar Silt scalar *Visual NONE NONE Debris *Visual NONE NONE scalar Sand/Dirt scalar *Visual NONE NONE *Visual Appearance NORML NORML scalar Odor NORML NORML scalar *Visual **Emulsified Water** NEG scalar *Visual >0.2 Free Water scalar *Visual NEG



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FLUID PROPERTIE	S method	limit/base	current	history1	history2
	St ASTM D445	195	103		
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image
GRAPHS					
Ferrous Alloys		Jun§24			
Non-ferrous Metals					
2 0 47/yunr		Jun4/24			
Viscosity @ 40°C		Jun4.24			
VearCheck USA - 501 N VC0929552		, NC 27513 ' Jun 2024		COVIA - 1704 GILLIES	LUGOFF - 02 CREEK ROAL



Submitted By: Chris Bowers Page 2 of 2