

OIL ANALYSIS REPORT

Sample Rating Trend





Area MINING Machine Id ME-003 CATERPILLAR 980M MK210364 Component Transmission

MOBIL MOBILTRANS HD 30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

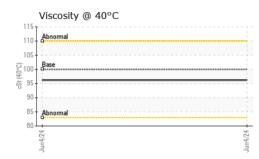
Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0929546		
Sample Date		Client Info		04 Jun 2024		
Machine Age	hrs	Client Info		19831		
Oil Age	hrs	Client Info		19831		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	7		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>50	0		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>200	5		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		14		
Calcium	ppm	ASTM D5185m		2954		
Phosphorus	ppm	ASTM D5185m		1109		
Zinc	ppm	ASTM D5185m		1233		
Sulfur	ppm	ASTM D5185m		7002		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	12		
Sodium	ppm	ASTM D5185m		21		
Potassium	ppm	ASTM D5185m	>20	2		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
:32:54) Rev: 1						v: Chris Bowers



OIL ANALYSIS REPORT



FLUID PROPERTI	ES met	hod lim	it/base d	current	history1	history
Visc @ 40°C	cSt ASTM	D445 100	96	.2		
SAMPLE IMAGES	met	hod lim	it/base o	current	history1	history
Color			no	image	no image	no image
Bottom			no	image	no image	no image
GRAPHS					1	1
Ferrous Alloys						
Non-ferrous Metals						
Jun4/24		Jun4/24				
Viscosity @ 40°C						
110 - Abnormal						
105-						
(2) 100 - Base (0) 100 - Base (1) 100 - Base (1) 100 - Base (1) 100 - Base	****					
°3 95 90						
or.						
80						
Jun4/24		Jun4/24				
atory : WearCheck USA - 501 le No. : WC0929546 umber : 06203192	Madison Ave. Received Tested	: 07 Jun : 10 Jun	2024		COVIA - 1704 GILLIES	LUGOFF - CREEK RC LUGOFF, US 29



Unique Number : 11070653 Diagnosed : 10 Jun 2024 - Wes Davis Test Package : CONST Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: COVLUG [WUSCAR] 06203192 (Generated: 06/10/2024 10:32:54) Rev: 1

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