

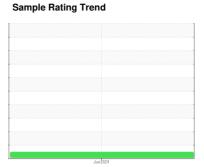
# **OIL ANALYSIS REPORT**



# **MINING** ME-38 CATERPILLAR 980M KRS02863

Component Transmission (Manual)

MOBIL MOBILTRANS HD 30 (--- GAL)





# Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

# Contamination

There is no indication of any contamination in the fluid.

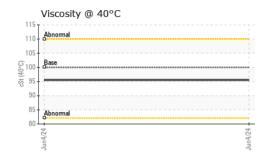
# **Fluid Condition**

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

HD 30 ( GAL)				Jun 2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0929609		
Sample Date		Client Info		04 Jun 2024		
Machine Age	hrs	Client Info		8406		
Oil Age	hrs	Client Info		500		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>200	0		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	0		
Γitanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>7	0		
Aluminum	ppm	ASTM D5185m	>25	<1		
_ead	ppm	ASTM D5185m	>45	0		
Copper	ppm	ASTM D5185m	>225	2		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		4		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		3		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		32		
Calcium	ppm	ASTM D5185m		2786		
Phosphorus	ppm	ASTM D5185m		1040		
Zinc	ppm	ASTM D5185m		1167		
Sulfur	ppm	ASTM D5185m		7626		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	4		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	1		
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		
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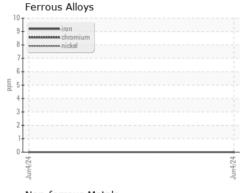


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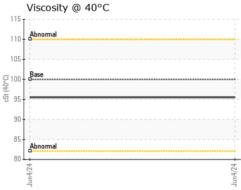




# **GRAPHS**



# Non-ferrous Metals







Laboratory Sample No. Lab Number : 06220190 Unique Number : 11098387

: WC0929609

Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Tested

: 25 Jun 2024 : 26 Jun 2024 Diagnosed

: 26 Jun 2024 - Wes Davis

COVIA - ELCO AND TAMMS - 043 - 040 32079 STATE HWY 127 TAMMS, IL

US 62988 Contact: Bleve Willoughby bleve.willoughby@coviacorp.com T: (573)233-9694

Certificate 12367

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)