

## **OIL ANALYSIS REPORT**

Sample Rating Trend



NORMAL



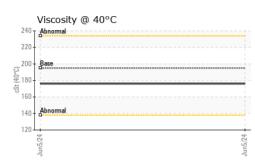
## Area MINING ME-022 CATERPILLAR 980 WFX00241 Front Right Final Drive

MOBIL MOBILTRANS HD 50 (--- GAL)

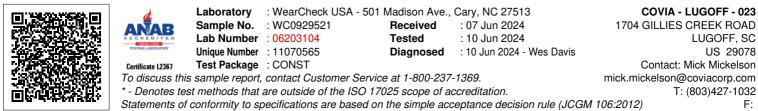
DIAGNOSIS	SAMPLE INFORM	IATION	method				history2
Recommendation	Sample Number		Client Info		WC0929521		
Resample at the next service interval to monitor.	Sample Date		Client Info		05 Jun 2024		
Wear	Machine Age	hrs	Client Info		6311		
All component wear rates are normal.	Oil Age	hrs	Client Info		500		
	Oil Changed		Client Info		Not Changd		
Contamination	Sample Status				NORMAL		
There is no indication of any contamination in the oil.	-		and the set	1' 't /l			
Fluid Condition	CONTAMINATIO	N	method	limit/base	current	history1	history2
The condition of the oil is acceptable for the time in service.	Water		WC Method	>0.2	NEG		
	WEAR METALS		method	limit/base	current	history1	history2
	Iron	ppm	ASTM D5185m		178		
	Chromium	ppm	ASTM D5185m	>10	<1		
	Nickel	ppm	ASTM D5185m	>5	<1		
	Titanium	ppm	ASTM D5185m	>15	<1		
	Silver	ppm	ASTM D5185m	>2	0		
	Aluminum	ppm	ASTM D5185m	>75	4		
	Lead	ppm	ASTM D5185m	>10	0		
	Copper	ppm	ASTM D5185m	>75	59		
	Tin	ppm	ASTM D5185m	>8	0		
	Vanadium	ppm	ASTM D5185m		0		
	Cadmium	ppm	ASTM D5185m		0		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m		6		
	Barium	ppm	ASTM D5185m		0		
	Molybdenum	ppm	ASTM D5185m		2		
	Manganese	ppm	ASTM D5185m		3		
	Magnesium	ppm	ASTM D5185m		21		
	Calcium	ppm	ASTM D5185m		2919		
	Phosphorus	ppm	ASTM D5185m		989		
	Zinc	ppm	ASTM D5185m		1199		
	Sulfur	ppm	ASTM D5185m		5078		
	CONTAMINANTS		method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>400	12		
	Sodium	ppm	ASTM D5185m		1		
	Potassium	ppm	ASTM D5185m	>20	0		
	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		*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.2	NEG		
	Free Water		*Visual		NEG		
Report Id: COVLUG [WUSCAR] 06203104 (Generated: 06/10/2024 0		ooului					y: Chris Bowers



## **OIL ANALYSIS REPORT**



/isc @ 40°C SAMPLE IMAGES	cSt		195	176		
SAMPLE IMAGES	0					
	5	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Ferrous Alloys						
Non-ferrous Metal	s		24 Jun5/24			
Jun5/24			Jun5/24 -			
Viscosity @ 40°C						
Approximation Ap			Jun5/24			



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