

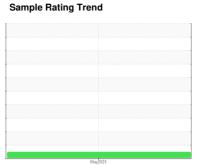
# **OIL ANALYSIS REPORT**



# MINING ME-032 CATERPILLAR 980M KRS03126

Front Left Final Drive

SHELL Spirax S4 CX 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

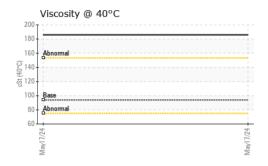
### **Fluid Condition**

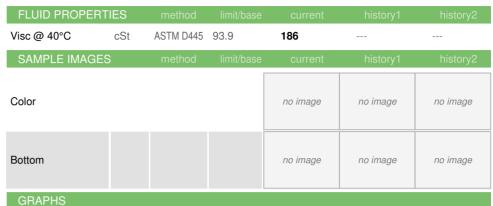
Confirm oil type. The condition of the oil is acceptable for the time in service.

0 ( GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0928533		
Sample Date		Client Info		17 May 2024		
Machine Age	hrs	Client Info		11535		
Dil Age	hrs	Client Info		0		
Dil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>800	45		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>5	0		
- itanium	ppm	ASTM D5185m	>15	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>75	3		
_ead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>75	13		
Fin	ppm	ASTM D5185m	>8	<1		
/anadium	ppm	ASTM D5185m	70	<1		
Cadmium	ppm	ASTM D5185m		0		
	ррпп		12 25 //			
ADDITIVES		method	limit/base		history1	history2
Boron	ppm	ASTM D5185m		4		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		4		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		37		
Calcium	ppm	ASTM D5185m		3021		
Phosphorus	ppm	ASTM D5185m		1058		
Zinc	ppm	ASTM D5185m		1241		
Sulfur	ppm	ASTM D5185m		6857		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	8		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
ellow Metal	scalar	*Visual	NONE	NONE		
recipitate	scalar	*Visual	NONE	NONE		
Gilt	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	>0.2	NEG		
Free Water	scalar	*Visual	2 U.L	NEG		
22·18) Rev: 1	Scalai	Visual			Location: Steve	

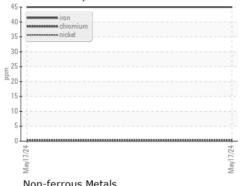


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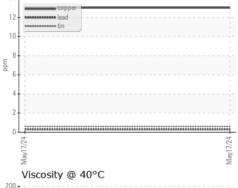


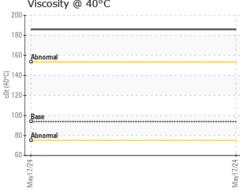


### Ferrous Alloys



Non	-rer	rous	Metais









Certificate 12367

Laboratory Sample No.

Lab Number : 06202183 Unique Number : 11069644

Test Package : CONST

: WC0928533

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 06 Jun 2024 Tested : 07 Jun 2024 Diagnosed

: 10 Jun 2024 - Don Baldridge

**COVIA - PEVELY - 056** 2968 HIGHWAY Z PEVELY, MO US 63070-3260 Contact: Steve Bell steve.bell@coviacorp.com

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)

T: (870)214-7848