

# **OIL ANALYSIS REPORT**



# **MINING ME-77 CATERPILLAR 982M K1Y01559**

Component Transmission (Manual)

SHELL Spirax S4 CX 30 (20 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

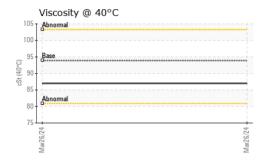
### **Fluid Condition**

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

0 (20 GAL)		<u>.                                      </u>		Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0901883		
Sample Date		Client Info		26 Mar 2024		
Machine Age	hrs	Client Info		18171		
Dil Age	hrs	Client Info		0		
Dil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Vater		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>200	15		
Chromium	ppm	ASTM D5185m	>5	0		
lickel	ppm	ASTM D5185m	>5	0		
itanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>7	0		
lluminum	ppm	ASTM D5185m	>25	<1		
.ead	ppm	ASTM D5185m	>45	0		
Copper	ppm	ASTM D5185m	>225	2		
in		ASTM D5185m	>10	0		
	ppm		>10			
anadium	ppm	ASTM D5185m		0		
admium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		1		
arium	ppm	ASTM D5185m		0		
lolybdenum	ppm	ASTM D5185m		0		
1anganese	ppm	ASTM D5185m		<1		
/lagnesium	ppm	ASTM D5185m		18		
Calcium	ppm	ASTM D5185m		2961		
hosphorus	ppm	ASTM D5185m		921		
inc	ppm	ASTM D5185m		1056		
Sulfur	ppm	ASTM D5185m		4235		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	4		
odium	ppm	ASTM D5185m	7120	1		
otassium	ppm	ASTM D5185m	>20	0		
VISUAL		method	limit/base	current	history1	history2
Vhite Metal	scalar	*Visual	NONE	NONE		
ellow Metal	scalar	*Visual	NONE	NONE		
recipitate	scalar	*Visual	NONE	NONE		
ilt	scalar	*Visual	NONE	NONE		
)ebris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
mulsified Water	scalar	*Visual	>0.1	NEG		
ree Water 9:26) Rev: 1	scalar	*Visual	C	NEG ontact/Location	· DANIEL DELG	 SADO - COVGI

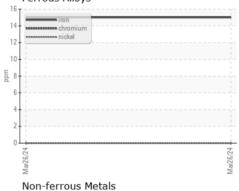


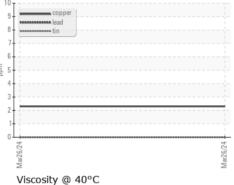
## **OIL ANALYSIS REPORT**

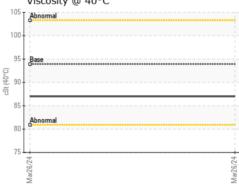


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	93.9	87.0		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image

## Ferrous Alloys











Certificate 12367

Laboratory **Sample No.** : WC0901883 Lab Number : 06136703

Unique Number : 10956168 Test Package : CONST

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 02 Apr 2024 Tested : 03 Apr 2024

Diagnosed

: 04 Apr 2024 - Don Baldridge

**421 MAIN STREET** GUION, AR US 72540 Contact: DANIEL DELGADO

**COVIA - GUION - 025** 

daniel.delgado@coviacorp.com

\* - 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:

F: