

# **OIL ANALYSIS REPORT**

Sample Rating Trend



## Area MINING **ME-123 ME-123** Component Transmission

Fluid SHELL Spirax S4 CX 30 (--- GAL)

### 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.

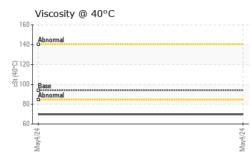
## Fluid Condition

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

SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0920494		
Sample Date		Client Info		04 May 2024		
Machine Age	hrs	Client Info		10185		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	I	method	limit/base	current	history1	history2
Water		WC Method	>0.075	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>61	43		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	3		
Lead	ppm	ASTM D5185m	>9	<1		
Copper	ppm	ASTM D5185m	>100	2		
Tin	ppm	ASTM D5185m	>3	<1		
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		1		
Molybdenum	ppm	ASTM D5185m		132		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		39		
Calcium	ppm	ASTM D5185m		3238		
Phosphorus	ppm	ASTM D5185m		930		
Zinc	ppm	ASTM D5185m		1053		
Sulfur	ppm	ASTM D5185m		5315		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>21	6		
Sodium	ppm	ASTM D5185m	>30	3		
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	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.075	NEG		
Free Water	scalar	*Visual		NEG		
4:59:08) Rev: 1				Contact/L	ocation: Phil Iva	inisin - COVJUN



# **OIL ANALYSIS REPORT**



FLUID PROPER	RTIES m	ethod	limit/base	current	history1	history2
Visc @ 40°C	cSt AST	FM D445	93.9	69.7		
SAMPLE IMAG	ES m	ethod	limit/base	current	history1	history
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Ferrous Alloys						
Non-ferrous Met			May4/24			
0 Way4/24			May4/24			
Viscosity @ 40°0	C		424/EM			
ratory : WearCheck USA - 5 ble No. : WC0920494 Number : 06177622 a Number : 11023675	501 Madison Av Received Tested Diagnose	: 13 : 14	, NC 27513 3 May 2024 4 May 2024 May 2024 - Do		<b>COVIA - JUNCT</b> 1333 S	I <mark>ON CITY - 0</mark> ANDPIT RO MAUK, ( US, 310



Unique Number : 11023675 : 15 May 2024 - Don Baldridge Diagnosed Test Package : CONST Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. phil.ivanisin@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)

Report Id: COVJUN [WUSCAR] 06177622 (Generated: 05/15/2024 14:59:08) Rev: 1

> Contact/Location: Phil Ivanisin - COVJUN Page 2 of 2

US 31058

F:

Contact: Phil Ivanisin

T: (478)244-7020