

## **OIL ANALYSIS REPORT**

Sample Number

Sample Date

Machine Age

Oil Age

# Area Crown Metal - C02400 A2403159

Hydraulic System HYDRAULIC 220 ZNT (--- GAL)

Recommendation

This is a baseline read-out on the submitted sample.

#### Wear

Aluminum and copper ppm levels are noted.

#### Contamination

Silicon ppm levels are notably high.

### Fluid Condition

Sodium ppm levels are notably high.

		Mw2024		•
SAMPLE INFORMATION				
Batch #	Client Info	2024 03 0460		
Department	Client Info	Production		
Sample From	Client Info	Machine		
Production Stage	Client Info	Initial		
Sent to WC	Client Info	03/22/2024		

0

0

E30001750

22 Mar 2024

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Client Info

**Client Info** 

Client Info

**Client Info** 

hrs

hrs

Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	7		
Chromium	ppm	ASTM D5185(m)	>10	0		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>10	<del> </del> 59		
Lead	ppm	ASTM D5185(m)	>20	4		
Copper	ppm	ASTM D5185(m)	>20	🦲 12		
Tin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		

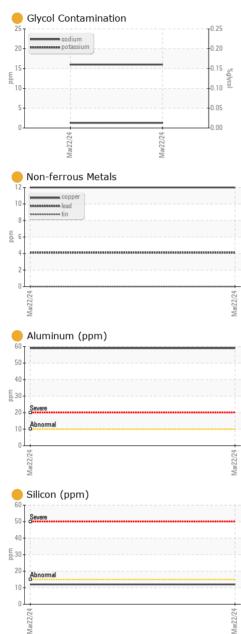
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		2		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		43		
Calcium	ppm	ASTM D5185(m)		49		
Phosphorus	ppm	ASTM D5185(m)		302		
Zinc	ppm	ASTM D5185(m)		254		
Sulfur	ppm	ASTM D5185(m)		975		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	12		
Sodium	ppm	ASTM D5185(m)		6 16		
Potassium	ppm	ASTM D5185(m)	>20	1		

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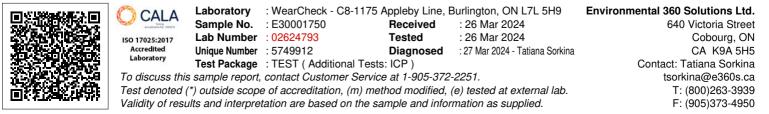
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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	MILKY		
Odor	scalar	Visual*	NORML	NORML		
SAMPLE IMAG	GES	method	limit/base	current	history1	history2
Color					no image	no image

Color		no image	no image
Bottom		no image	no image

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Contact/Location: Tatiana Sorkina - CHECOB