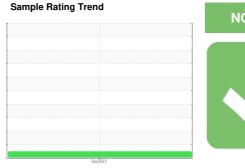


OIL ANALYSIS REPORT

Crown Metal - C02400 A2312034

Component **Hydraulic System**

NOT GIVEN (--- LTR)





Recommendation

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

Wear

Aluminum and lead ppm levels are noted.

Contamination

Silicon ppm levels are notably high.

Fluid Condition

Sodium ppm levels are notably high.

				Dec2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Batch #		Client Info		2023 12 0030		
Machine ID		Client Info		A2312034		
Department		Client Info		Production		
Sample From		Client Info		Machine		
Production Stage		Client Info		Initial		
Sent to WC		Client Info		12/06/2023		
Sample Number		Client Info		E30000897		
Sample Date		Client Info		06 Dec 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	V	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	5		
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)		<1		
Aluminum	ppm	ASTM D5185(m)	>10	49		
Lead	ppm	ASTM D5185(m)	>20	10		
Copper	ppm	ASTM D5185(m)	>20	8		
Tin	ppm	ASTM D5185(m)	>10	<1		
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)		3		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		24		
Calcium	ppm	ASTM D5185(m)		32		
Phosphorus	ppm	ASTM D5185(m)		249		
Zinc	ppm	ASTM D5185(m)		183		
Sulfur	ppm	ASTM D5185(m)		853		
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)		13		
Datassium		AOTA DEADE()	00	_		

Potassium

ppm

ASTM D5185(m) >20

<1



OIL ANALYSIS REPORT

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		
SAMPLE IMAGES	5	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						



CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number

Unique Number : 5695159

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : E30000897 : 02602074

Received Diagnosed Test Package : TEST (Additional Tests: ICP)

: 08 Dec 2023 : 12 Dec 2023 Diagnostician : Tatiana Sorkina

Environmental 360 Solutions Ltd. 640 Victoria Street Cobourg, ON CA K9A 5H5 Contact: Tatiana Sorkina tsorkina@e360s.ca T: (800)263-3939

Validity of results and interpretation are based on the sample and information as supplied. F: (905)373-4950

To discuss this sample report, contact Customer Service at 1-905-372-2251. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

Report Id: CHECOB [WCAMIS] 02602074 (Generated: 12/12/2023 07:48:03) Rev: 1

Contact/Location: Tatiana Sorkina - CHECOB