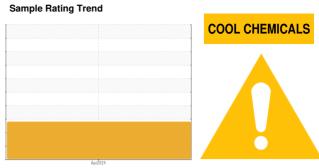


OIL ANALYSIS REPORT

Crown Metal - C02400 A2404112

Hydraulic System

HYDRAULIC 220 ZNT (--- GAL)

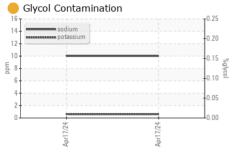


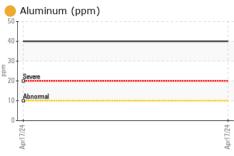
DIAGNOSIS Wear Aluminum ppm levels are noted. Fluid Condition Sodium ppm levels are notably high.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Batch #		Client Info		2024 04 0470		
Department		Client Info		Production		
Sample From		Client Info		Machine		
Production Stage		Client Info		Initial		
Sent to WC		Client Info		04/17/2024		
Sample Number		Client Info		E30001901		
Sample Date		Client Info		17 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION	I	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	2		
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	40		
Lead	ppm	ASTM D5185(m)	>20	<1		
Copper	ppm	ASTM D5185(m)	>20	4		
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)		3		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		58		
Calcium	ppm	ASTM D5185(m)		55		
Phosphorus	ppm	ASTM D5185(m)		301		
Zinc	ppm	ASTM D5185(m)		360		
Sulfur	ppm	ASTM D5185(m)		1180		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	8		
Sodium	ppm	ASTM D5185(m)		<u> </u>		
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	VLITE		
Appearance	scalar	Visual*	NORML	▲ MILKY		
Odor	scalar	Visual*	NORML	NORML		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image



CALA ISO 17025:2017 Accredited Laboratory

Laboratory **Sample No.** : E30001901

Lab Number : 02630404 Unique Number : 5763536

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

GRAPHS

: 19 Apr 2024 **Tested** : 19 Apr 2024 Diagnosed

: 25 Apr 2024 - Tatiana Sorkina

Contact: Tatiana Sorkina tsorkina@e360s.ca T: (800)263-3939 F: (905)373-4950

Environmental 360 Solutions Ltd.

Test Package : TEST (Additional Tests: ICP) 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. Validity of results and interpretation are based on the sample and information as supplied.

640 Victoria Street

Cobourg, ON

CA K9A 5H5