



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
Crown Metal - C02400
 Machine Id
A2406114
 Component
Unknown Component
 Fluid
HYDRAULIC 220 ZNT (--- GAL)

DIAGNOSIS

● **Wear**
 Aluminum ppm levels are noted.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Batch #	Client Info		2024 06 0290	---	---
Department	Client Info		Production	---	---
Sample From	Client Info		Machine	---	---
Production Stage	Client Info		Initial	---	---
Sent to WC	Client Info		06/14/2024	---	---
Sample Number	Client Info		E30002402	---	---
Sample Date	Client Info		14 Jun 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed		Client Info	N/A	---	---
Sample Status			ATTENTION	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	2	---	---
Chromium	ppm	ASTM D5185(m)	0	---	---
Nickel	ppm	ASTM D5185(m)	<1	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	<1	---	---
Aluminum	ppm	ASTM D5185(m)	● 32	---	---
Lead	ppm	ASTM D5185(m)	5	---	---
Copper	ppm	ASTM D5185(m)	4	---	---
Tin	ppm	ASTM D5185(m)	0	---	---
Antimony	ppm	ASTM D5185(m)	0	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	<1	---	---

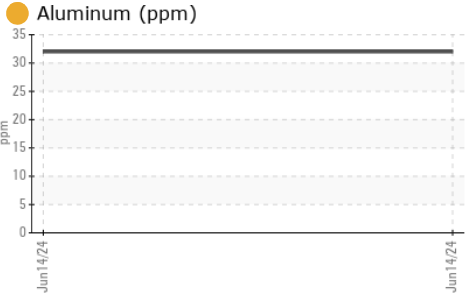
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	2	---	---
Barium	ppm	ASTM D5185(m)	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0	---	---
Manganese	ppm	ASTM D5185(m)	<1	---	---
Magnesium	ppm	ASTM D5185(m)	56	---	---
Calcium	ppm	ASTM D5185(m)	48	---	---
Phosphorus	ppm	ASTM D5185(m)	289	---	---
Zinc	ppm	ASTM D5185(m)	332	---	---
Sulfur	ppm	ASTM D5185(m)	924	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---



CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	7	---	---
Sodium	ppm	ASTM D5185(m)	6	---	---
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	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30002402 **Received** : 18 Jun 2024
Lab Number : **02642733** **Tested** : 19 Jun 2024
Unique Number : 5800272 **Diagnosed** : 20 Jun 2024 - Aylwin Lee
Test Package : TEST (Additional Tests: ICP)

Environmental 360 Solutions Ltd.
 640 Victoria Street
 Cobourg, ON
 CA K9A 5H5
 Contact: Tatiana Sorkina
 tsorkina@e360s.ca
 T: (800)263-3939
 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.
 Validity of results and interpretation are based on the sample and information as supplied.