



# OIL ANALYSIS REPORT

Sample Rating Trend



**WEAR**



Area  
**PRECISION STAMPING - P08500**  
 Machine Id  
**A2406103**  
 Component  
**Unknown Component**  
 Fluid  
**GEAR OIL ISO 150 (--- GAL)**

## DIAGNOSIS

● **Wear**  
 Copper, iron and lead ppm levels are noted.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Batch #	Client Info			<b>2024 06 0200</b>	---	---
Department	Client Info			<b>Production</b>	---	---
Sample From	Client Info			<b>Machine</b>	---	---
Production Stage	Client Info			<b>Initial</b>	---	---
Sent to WC	Client Info			<b>06/13/2024</b>	---	---
Sample Number	Client Info			<b>E30002393</b>	---	---
Sample Date	Client Info			<b>13 Jun 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed	Client Info			<b>N/A</b>	---	---
Sample Status				<b>ABNORMAL</b>	---	---

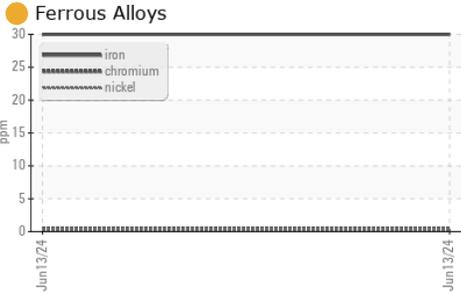
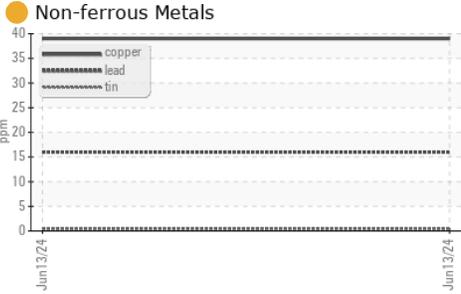
CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method		<b>NEG</b>	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		● <b>30</b>	---	---
Chromium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)		<b>2</b>	---	---
Lead	ppm	ASTM D5185(m)		● <b>16</b>	---	---
Copper	ppm	ASTM D5185(m)		● <b>39</b>	---	---
Tin	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---

ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 50	<b>2</b>	---	---
Barium	ppm	ASTM D5185(m) 15	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m) 15	<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185(m) 50	<b>2</b>	---	---
Calcium	ppm	ASTM D5185(m) 50	<b>10</b>	---	---
Phosphorus	ppm	ASTM D5185(m) 350	<b>222</b>	---	---
Zinc	ppm	ASTM D5185(m) 100	<b>84</b>	---	---
Sulfur	ppm	ASTM D5185(m) 12500	<b>2690</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>2</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>3</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>4</b>	---	---

# OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>▲ WGOIL</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---

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.** : E30002393 **Received** : 17 Jun 2024  
**Lab Number** : **02642437** **Tested** : 18 Jun 2024  
**Unique Number** : 5799976 **Diagnosed** : 19 Jun 2024 - Tatiana Sorkina  
**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.