



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**Bailey Metal - D04200**  
 Machine Id  
**A2310022**  
 Component  
**Coolant**  
 Fluid  
**NOT GIVEN (--- GAL)**

## DIAGNOSIS

### Recommendation

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

### Corrosion

Chromium ppm levels are noted.

### Contaminants

{not applicable}

### Coolant Condition

{not applicable}

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Batch #	Client Info		<b>2023 09 0310</b>	---	---
Machine ID	Client Info		<b>A2310022</b>	---	---
Department	Client Info		<b>Sales</b>	---	---
Sample From	Client Info		<b>Machine</b>	---	---
Production Stage	Client Info		<b>Initial</b>	---	---
Sent to WC	Client Info		<b>10/04/2023</b>	---	---
Sample Number	Client Info		<b>E30000480</b>	---	---
Sample Date	Client Info		<b>04 Oct 2023</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>NORMAL</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >15	<b>8</b>	---	---
Chromium	ppm	ASTM D5185(m)	<b>11</b>	---	---
Nickel	ppm	ASTM D5185(m)	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m) >10	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185(m) >10	<b>1</b>	---	---
Lead	ppm	ASTM D5185(m) >10	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m) >10	<b>0</b>	---	---
Tin	ppm	ASTM D5185(m) >10	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	---	---

## ADDITIVES



	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>416</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>6</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>11</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>47</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>70</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>88</b>	---	---
Sulfur	ppm	ASTM D5185(m)	<b>337</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

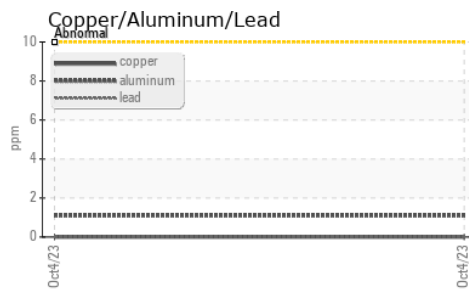
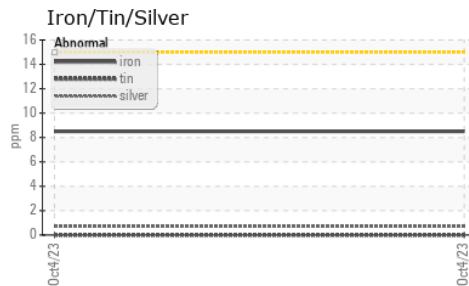
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>9</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>280</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>76</b>	---	---

# 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>HAZY</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.** : E30000480      **Received** : 05 Oct 2023  
**Lab Number** : **02587365**      **Diagnosed** : 10 Oct 2023  
**Unique Number** : 5656431      **Diagnostician** : Tatiana Sorkina  
**Test Package** : TEST ( Additional Tests: ICP )

**Environmental 360 Solutions Ltd.**  
 640 Victoria Street  
 Cobourg, ON  
 CA K9A 5H5  
 Contact: Aylwin Lee  
 aylwinlee@e360s.ca  
 T: (905)372-2251  
 F: (905)373-4950

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 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.