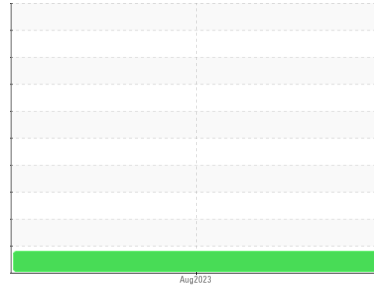




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
Horizon Plastics
 Machine Id
A2308178
 Component
Hydraulic System
 Fluid
AW HYDRAULIC OIL ISO 32 (--- GAL)

DIAGNOSIS

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

▲ **Wear**
 Copper ppm levels are noted.

Contamination
 {not applicable}

Fluid Condition
 {not applicable}

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		E30000207	---	---
Sample Date	Client Info		30 Aug 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ATTENTION	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >20	11	---	---
Chromium	ppm	ASTM D5185(m) >10	<1	---	---
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	1	---	---
Lead	ppm	ASTM D5185(m) >20	5	---	---
Copper	ppm	ASTM D5185(m) >20	▲ 20	---	---
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) 5	<1	---	---
Barium	ppm	ASTM D5185(m) 5	<1	---	---
Molybdenum	ppm	ASTM D5185(m) 5	<1	---	---
Manganese	ppm	ASTM D5185(m)	<1	---	---
Magnesium	ppm	ASTM D5185(m) 25	28	---	---
Calcium	ppm	ASTM D5185(m) 200	82	---	---
Phosphorus	ppm	ASTM D5185(m) 300	593	---	---
Zinc	ppm	ASTM D5185(m) 370	581	---	---
Sulfur	ppm	ASTM D5185(m) 2500	1878	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

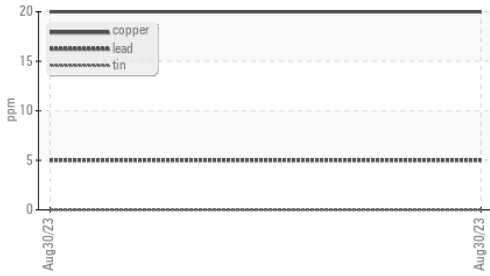
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	8	---	---
Sodium	ppm	ASTM D5185(m)	2	---	---
Potassium	ppm	ASTM D5185(m) >20	2	---	---

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	LIGHT	---	---
Debris	scalar	Visual* NONE	VLITE	---	---
Sand/Dirt	scalar	Visual* NONE	NONE	---	---
Appearance	scalar	Visual* NORML	NORML	---	---
Odor	scalar	Visual* NORML	NORML	---	---

OIL ANALYSIS REPORT

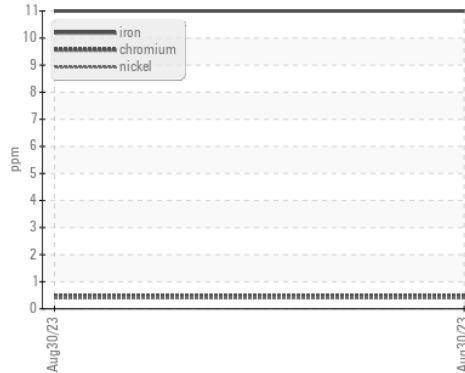
▲ Non-ferrous Metals



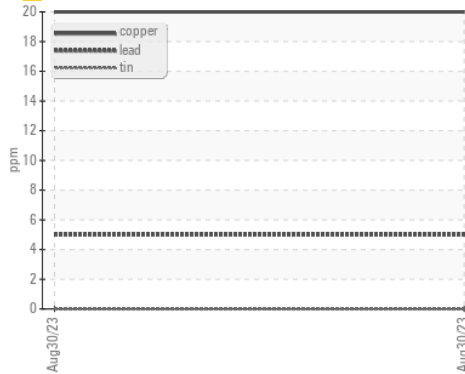
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS

Ferrous Alloys



▲ Non-ferrous Metals



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30000207
Lab Number : 02580151
Unique Number : 5633211
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 1-800-268-2131.
 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.