



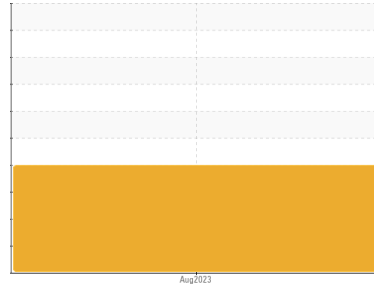
OIL ANALYSIS REPORT

Sample Rating Trend

WATER



Area
Goodyear - G04000
 Machine Id
A2308174
 Component
Hydraulic System
 Fluid
AW HYDRAULIC OIL ISO 68 (--- GAL)



DIAGNOSIS

- ▲ **Recommendation**
This is a baseline read-out on the submitted sample.
- ▲ **Wear**
Aluminum, copper and iron ppm levels are noted.
- ▲ **Contamination**
Silicon ppm levels are notably high.
- Fluid Condition**
{not applicable}

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		E30000163	---	---
Sample Date	Client Info		29 Aug 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		3	---	---
Iron	ppm	ASTM D5185(m) >20	▲ 58	---	---
Chromium	ppm	ASTM D5185(m) >10	<1	---	---
Nickel	ppm	ASTM D5185(m) >10	2	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	1	---	---
Aluminum	ppm	ASTM D5185(m) >10	▲ 7	---	---
Lead	ppm	ASTM D5185(m) >20	19	---	---
Copper	ppm	ASTM D5185(m) >20	▲ 134	---	---
Tin	ppm	ASTM D5185(m) >10	<1	---	---
Antimony	ppm	ASTM D5185(m)	0	---	---
Vanadium	ppm	ASTM D5185(m)	<1	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	<1	---	---

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	6	---	---
Calcium	ppm	ASTM D5185(m) 200	47	---	---
Phosphorus	ppm	ASTM D5185(m) 300	722	---	---
Zinc	ppm	ASTM D5185(m) 370	525	---	---
Sulfur	ppm	ASTM D5185(m) 2500	2237	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

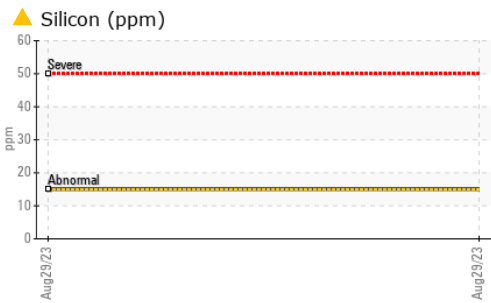
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	▲ 15	---	---
Sodium	ppm	ASTM D5185(m)	1	---	---
Potassium	ppm	ASTM D5185(m) >20	<1	---	---

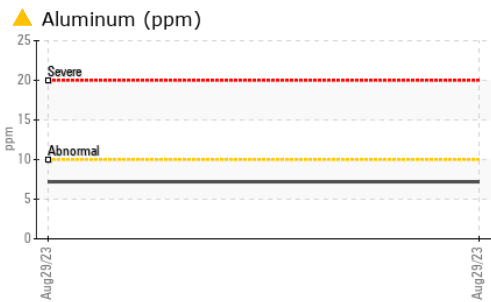
VISUAL

	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	VLITE	---
Debris	scalar	Visual*	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	WGOIL	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.05	▲ .2%	---
Free Water	scalar	Visual*		NEG	---

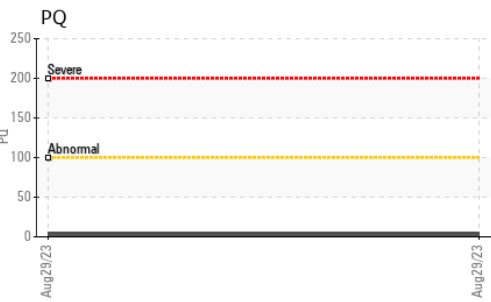
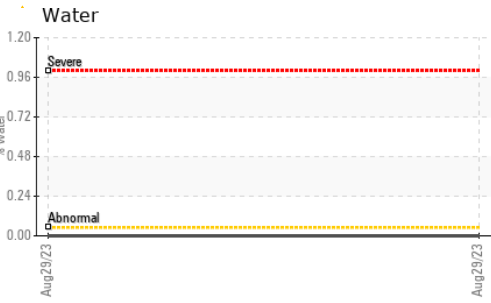
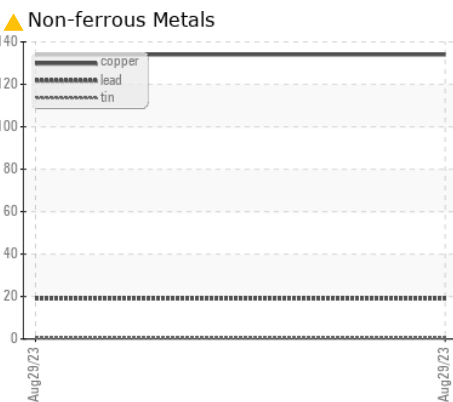
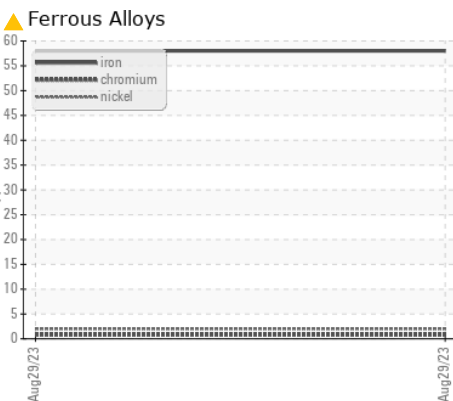
OIL ANALYSIS REPORT



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 **Environmental 360 Solutions Ltd.**
Sample No. : E30000163 **Received** : 31 Aug 2023 **640 Victoria Street**
Lab Number : **02579687** **Diagnosed** : 05 Sep 2023 **Cobourg, ON**
Unique Number : 5632747 **Diagnostician** : Tatiana Sorkina **CA K9A 5H5**
Test Package : TEST (Additional Tests: ICP, KF, KV100, KV40, PQ, PrtCount, Spat, TAN Auto) **Contact: Tatiana Sorkina**
To discuss this sample report, contact Customer Service at 1-800-268-2131. **tsorkina@e360s.ca**
Test denoted () outside scope of accreditation, (m) method modified, (e) tested at external lab.* **T: (800)263-3939**
Validity of results and interpretation are based on the sample and information as supplied. **F: (905)373-4950**