



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
Signature Alum - A02500
 Machine Id
A2310101
 Component
Unknown Component
 Fluid
AW HYDRAULIC OIL ISO 68 (--- GAL)

DIAGNOSIS

- ▲ **Recommendation**
 This is a baseline read-out on the submitted sample.
- ▲ **Wear**
 Copper, iron and aluminum ppm levels are noted.
- ▲ **Fluid Condition**
 {not applicable}

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Batch #	Client Info		2023 10 0180	---	---
Machine ID	Client Info		A2310101	---	---
Department	Client Info		Production	---	---
Sample From	Client Info		Machine	---	---
Production Stage	Client Info		Initial	---	---
Sent to WC	Client Info		10/17/2023	---	---
Sample Number	Client Info		E30000542	---	---
Sample Date	Client Info		17 Oct 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)	▲ 62	---	---
Chromium	ppm	ASTM D5185(m)	<1	---	---
Nickel	ppm	ASTM D5185(m)	<1	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	<1	---	---
Aluminum	ppm	ASTM D5185(m)	▲ 10	---	---
Lead	ppm	ASTM D5185(m)	6	---	---
Copper	ppm	ASTM D5185(m)	▲ 52	---	---
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)	0	---	---

ADDITIVES

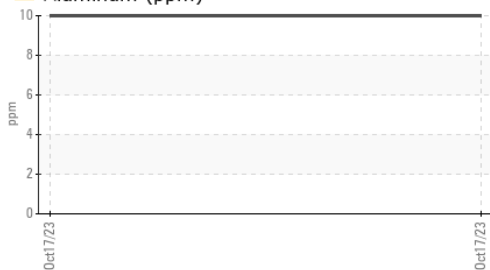
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 5	5	---	---
Barium	ppm	ASTM D5185(m) 5	2	---	---
Molybdenum	ppm	ASTM D5185(m) 5	0	---	---
Manganese	ppm	ASTM D5185(m)	0	---	---
Magnesium	ppm	ASTM D5185(m) 25	6	---	---
Calcium	ppm	ASTM D5185(m) 200	41	---	---
Phosphorus	ppm	ASTM D5185(m) 300	504	---	---
Zinc	ppm	ASTM D5185(m) 370	397	---	---
Sulfur	ppm	ASTM D5185(m) 2500	1626	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	6	---	---
Sodium	ppm	ASTM D5185(m)	3	---	---
Potassium	ppm	ASTM D5185(m) >20	<1	---	---

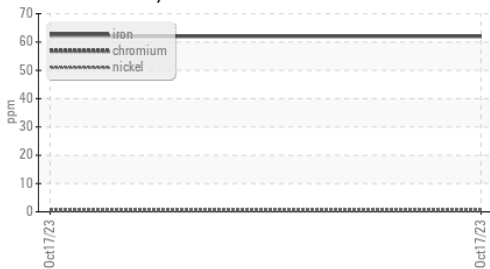
OIL ANALYSIS REPORT

▲ Aluminum (ppm)



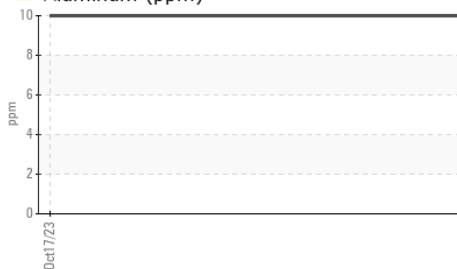
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

▲ Ferrous Alloys



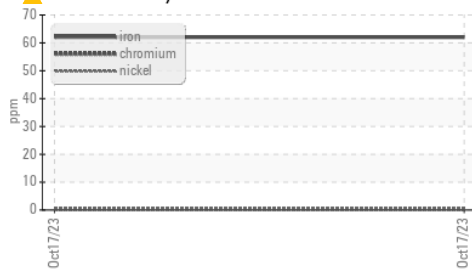
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

▲ Aluminum (ppm)

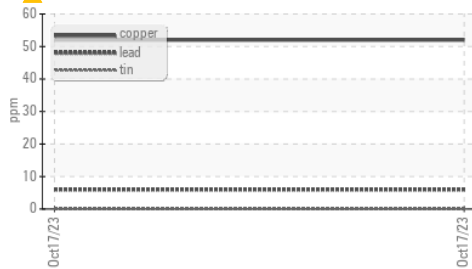


GRAPHS

▲ Ferrous Alloys



▲ Non-ferrous Metals



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30000542 **Received** : 19 Oct 2023
Lab Number : **02590453** **Diagnosed** : 20 Oct 2023
Unique Number : 5659519 **Diagnostician** : Tatiana Sorkina
Test Package : TEST (Additional Tests: ICP)

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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.