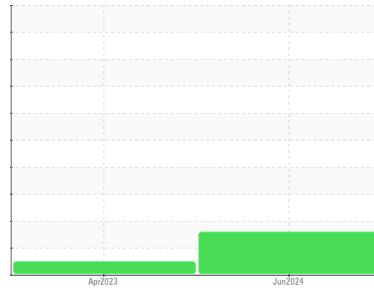




# OIL ANALYSIS REPORT

## Sample Rating Trend



WATER



Area

**AIRLUBE**

Machine Id

**ELGI MUGS035948 - J&J EQUIPMENT**

Component

**Compressor**

### DIAGNOSIS

#### ● Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### ● Contamination

There is a light concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil.

#### Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

### SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>UAC06218358</b>	UCH05827811	---
Sample Date	Client Info		<b>23 Jun 2024</b>	20 Apr 2023	---
Machine Age	hrs	Client Info	<b>668</b>	14	---
Oil Age	hrs	Client Info	<b>668</b>	14	---
Oil Changed	Client Info		<b>Changed</b>	N/A	---
Sample Status			<b>ATTENTION</b>	NORMAL	---

### WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<b>0</b>	2	---
Chromium	ppm	ASTM D5185m >10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m	<b>0</b>	0	---
Silver	ppm	ASTM D5185m	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m >25	<b>0</b>	0	---
Lead	ppm	ASTM D5185m >25	<b>0</b>	0	---
Copper	ppm	ASTM D5185m >50	<b>0</b>	0	---
Tin	ppm	ASTM D5185m >15	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	---

### ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	0	---
Barium	ppm	ASTM D5185m	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m	<b>0</b>	0	---
Magnesium	ppm	ASTM D5185m	<b>0</b>	<1	---
Calcium	ppm	ASTM D5185m	<b>0</b>	<1	---
Phosphorus	ppm	ASTM D5185m	<b>3</b>	5	---
Zinc	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Sulfur	ppm	ASTM D5185m	<b>21</b>	<1	---

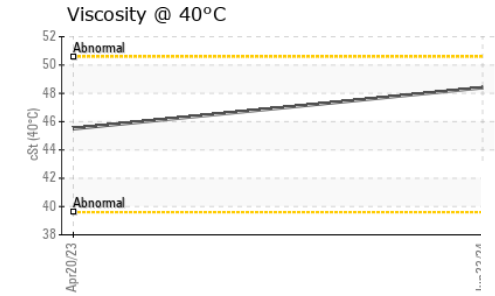
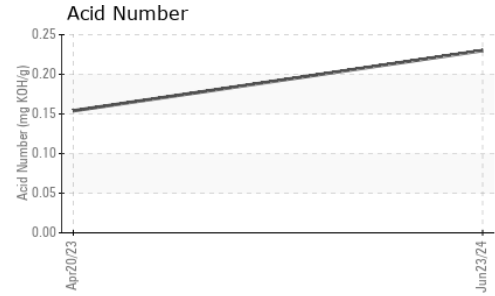
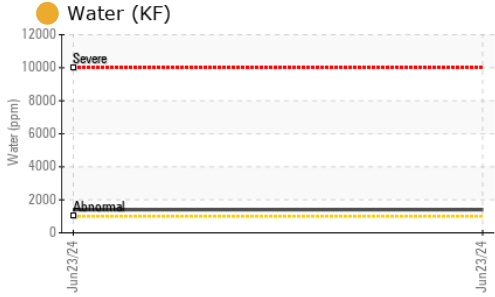
### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>&lt;1</b>	<1	---
Sodium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Potassium	ppm	ASTM D5185m >20	<b>0</b>	<1	---
Water	%	ASTM D6304 >0.1	● <b>0.140</b>	---	---
ppm Water	ppm	ASTM D6304 >1000	● <b>1400</b>	---	---

### FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.23</b>	0.154	---

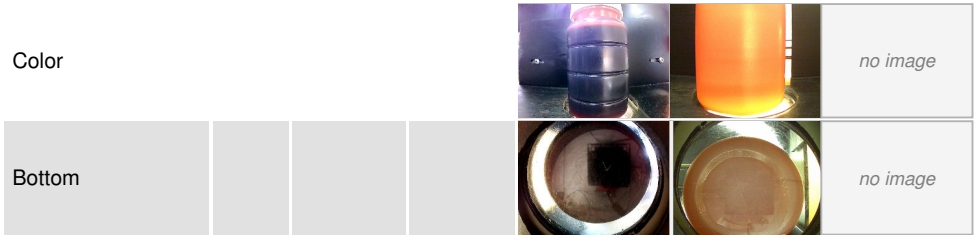
# OIL ANALYSIS REPORT



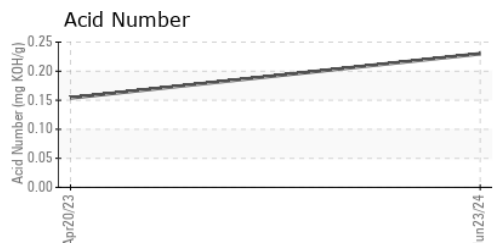
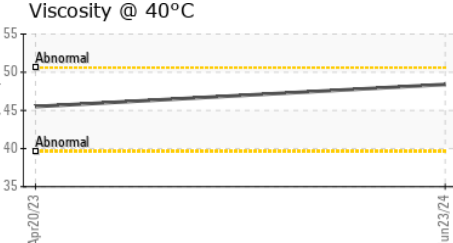
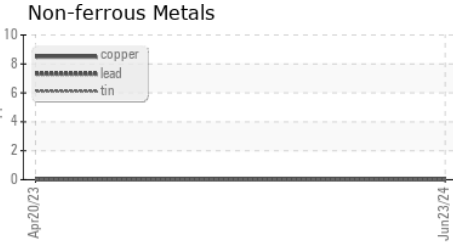
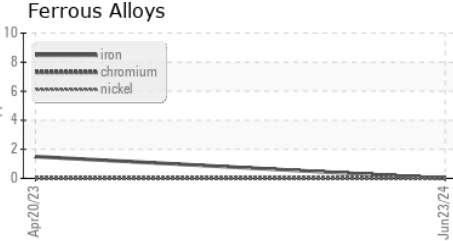
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	0.2%	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	48.4	45.5	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UAC06218358      **Received** : 24 Jun 2024  
**Lab Number** : 06218358      **Tested** : 25 Jun 2024  
**Unique Number** : 11096555      **Diagnosed** : 26 Jun 2024 - Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: KF )

**ATLANTIC COMPRESSORS - ACI**  
 2144 SALEM INDUSTRIAL DRIVE  
 SALEM, VA  
 US 24153

Contact: BILL RIMER  
 bill@atlanticcompressors.com

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F: (757)216-0134

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)