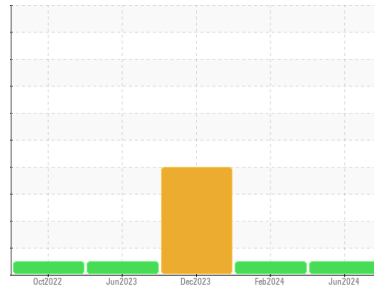




# OIL ANALYSIS REPORT

Area  
**VISION 8000**  
 Machine Id  
**HODGE 2104015030**  
 Component  
**Compressor**

Sample Rating Trend



**NORMAL**



## DIAGNOSIS

- Recommendation**  
Resample at the next service interval to monitor.
- Wear**  
All component wear rates are normal.
- Contamination**  
There is no indication of any contamination in the oil.
- Fluid Condition**  
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>UHC0000801</b>	UCH06097063	UHC0000662
Sample Date	Client Info		<b>07 Jun 2024</b>	16 Feb 2024	06 Dec 2023
Machine Age	hrs	Client Info	<b>5662</b>	4953	4537
Oil Age	hrs	Client Info	<b>707</b>	0	610
Oil Changed	Client Info		<b>Not Changed</b>	Changed	Not Changed
Sample Status			<b>NORMAL</b>	NORMAL	ATTENTION

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	NEG	NEG

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<b>&lt;1</b>	0	0
Chromium	ppm	ASTM D5185m >10	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185m	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m >25	<b>0</b>	2	<1
Lead	ppm	ASTM D5185m >25	<b>0</b>	0	0
Copper	ppm	ASTM D5185m >50	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m >15	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0.3	<b>0</b>	0	0
Barium	ppm	ASTM D5185m 0.3	<b>0</b>	0	1
Molybdenum	ppm	ASTM D5185m 0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m 0.9	<b>&lt;1</b>	0	<1
Magnesium	ppm	ASTM D5185m 0.2	<b>0</b>	<1	2
Calcium	ppm	ASTM D5185m 0.1	<b>0</b>	<1	4
Phosphorus	ppm	ASTM D5185m 429	<b>559</b>	572	500
Zinc	ppm	ASTM D5185m 0.3	<b>18</b>	0	35
Sulfur	ppm	ASTM D5185m 1336	<b>1762</b>	1460	2015

## CONTAMINANTS

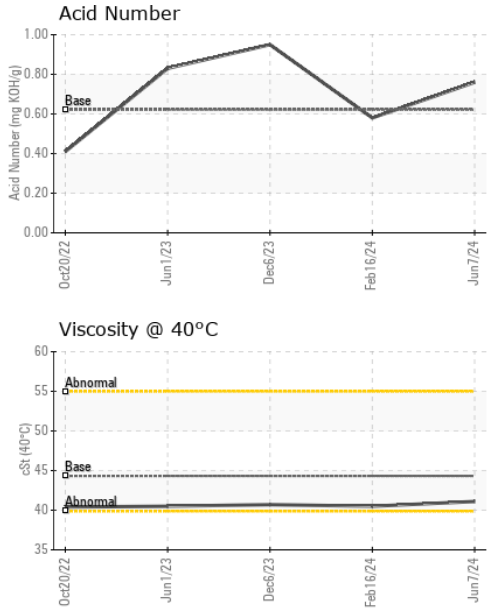
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>&lt;1</b>	3	<1
Sodium	ppm	ASTM D5185m	<b>1</b>	0	4
Potassium	ppm	ASTM D5185m >20	<b>0</b>	7	0

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.622	<b>0.76</b>	0.58	0.95



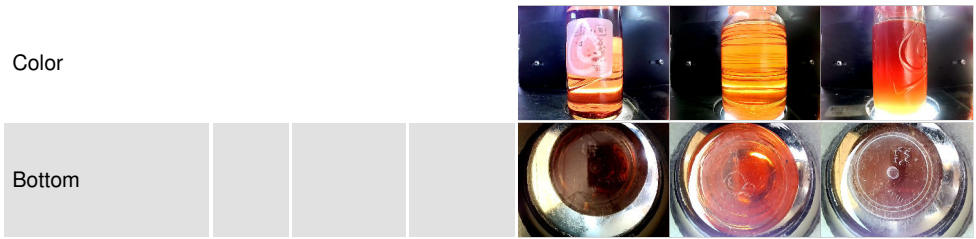
# OIL ANALYSIS REPORT



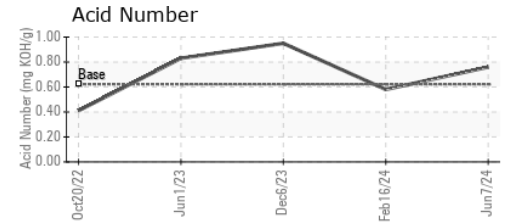
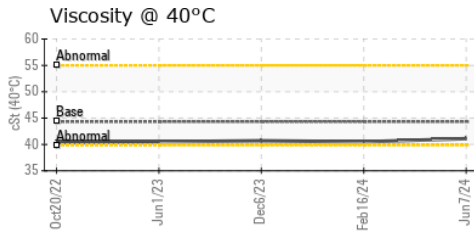
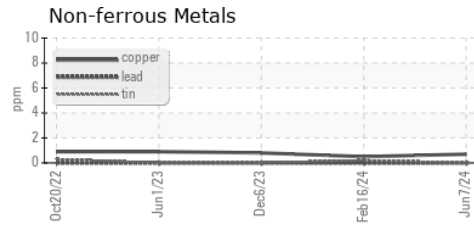
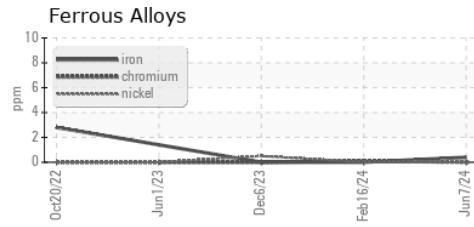
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	HAZY
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	0.2%
Free Water	scalar	*Visual		NEG	1.0

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.32	41.1	40.5

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UHC0000801      **Received** : 17 Jun 2024  
**Lab Number** : **06211837**      **Tested** : 18 Jun 2024  
**Unique Number** : 11084701      **Diagnosed** : 19 Jun 2024 - Don Baldrige  
**Test Package** : IND 2

**ATLANTA AIR COMPRESSOR**  
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 HOSCHTON, GA  
 US 30548  
 Contact: Derik Bray  
 Derik@atlantaaircompressor.com  
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 F: x:

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)