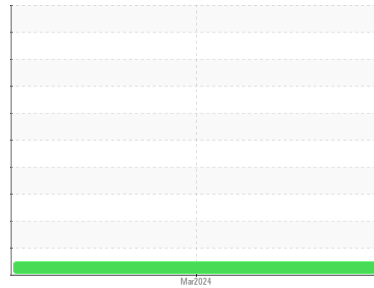




# OIL ANALYSIS REPORT

Area  
**VISION 8000**  
 Machine Id  
**HODGE 2201007002**  
 Component  
**Compressor**

### Sample Rating Trend



### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

#### 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>UHC0000891</b>	---	---
Sample Date	Client Info	<b>29 Mar 2024</b>	---	---
Machine Age	hrs Client Info	<b>4017</b>	---	---
Oil Age	hrs Client Info	<b>2001</b>	---	---
Oil Changed	Client Info	<b>Changed</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

### CONTAMINATION

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

### WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >50	<b>&lt;1</b>	---	---
Chromium	ppm ASTM D5185m >10	<b>&lt;1</b>	---	---
Nickel	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Titanium	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Silver	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Aluminum	ppm ASTM D5185m >25	<b>6</b>	---	---
Lead	ppm ASTM D5185m >25	<b>&lt;1</b>	---	---
Copper	ppm ASTM D5185m >50	<b>1</b>	---	---
Tin	ppm ASTM D5185m >15	<b>1</b>	---	---
Vanadium	ppm ASTM D5185m	<b>1</b>	---	---
Cadmium	ppm ASTM D5185m	<b>&lt;1</b>	---	---

### ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	<b>0</b>	---	---
Barium	ppm ASTM D5185m	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Manganese	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Magnesium	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Calcium	ppm ASTM D5185m	<b>5</b>	---	---
Phosphorus	ppm ASTM D5185m	<b>111</b>	---	---
Zinc	ppm ASTM D5185m	<b>22</b>	---	---
Sulfur	ppm ASTM D5185m	<b>160</b>	---	---

### CONTAMINANTS

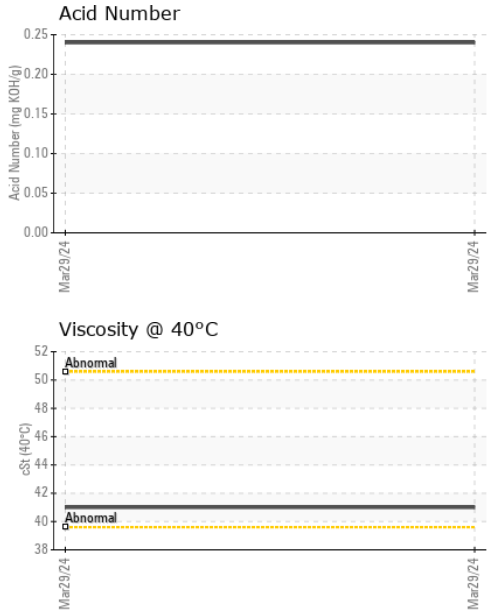
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >25	<b>3</b>	---	---
Sodium	ppm ASTM D5185m	<b>10</b>	---	---
Potassium	ppm ASTM D5185m >20	<b>4</b>	---	---

### FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	<b>0.24</b>	---	---



# OIL ANALYSIS REPORT



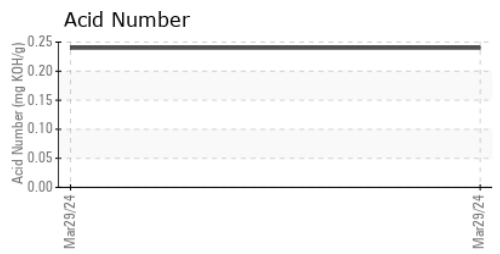
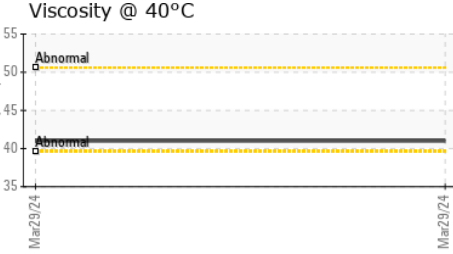
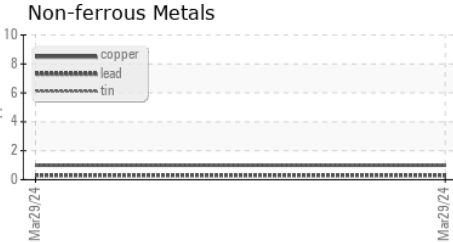
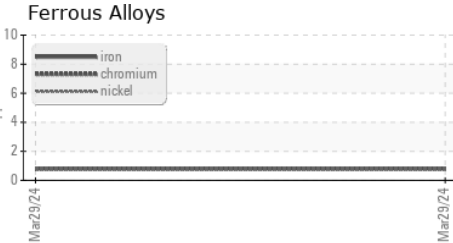
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	<b>41.0</b>	---	---

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UHC0000891      **Received** : 20 May 2024  
**Lab Number** : **06184462**      **Tested** : 21 May 2024  
**Unique Number** : 11035788      **Diagnosed** : 21 May 2024 - Wes Davis  
**Test Package** : IND 2

**ATLANTA AIR COMPRESSOR**  
 123 MERCHANTS PARK DR  
 HOSCHTON, GA 30548  
 Contact: Derik Bray  
 Derik@atlantaaircompressor.com  
 T: (470)252-9952  
 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)