



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>ATTENTION</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**VISION 8000**  
Machine Id  
**HODGE 2201010417**  
Component  
**Compressor**

## RECOMMENDATION

The filter 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

Elemental level of silicon (Si) above normal.

## FLUID CONDITION

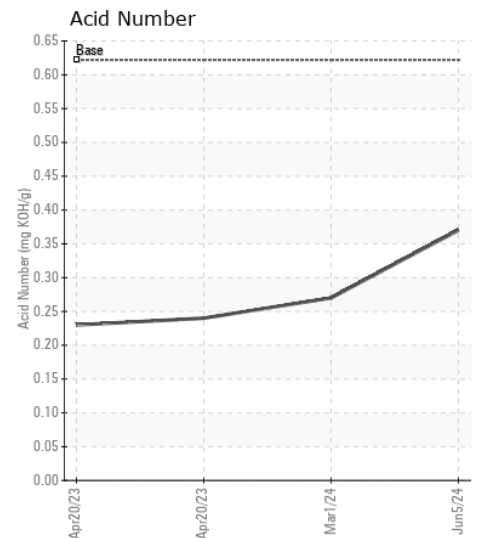
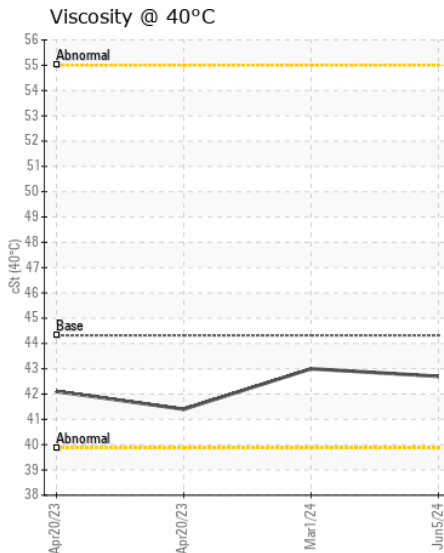
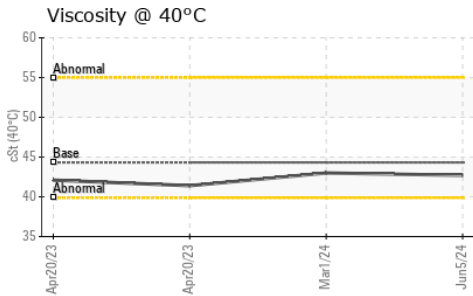
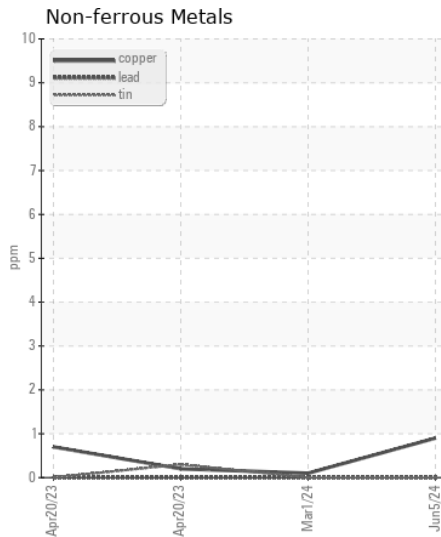
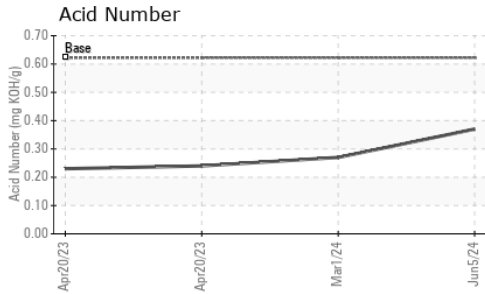
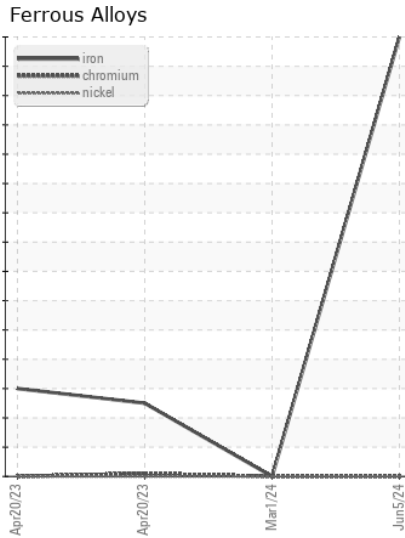
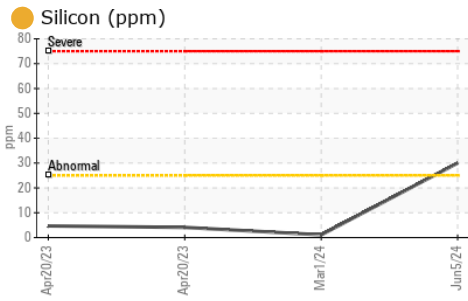
The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>UHC0000800</b>	UHC0001104	UCH05908947
Sample Date		Client Info		<b>05 Jun 2024</b>	01 Mar 2024	20 Apr 2023
Machine Age	hrs	Client Info		<b>4055</b>	3516	1668
Oil Age	hrs	Client Info		<b>537</b>	1079	0
Filter Age	hrs	Client Info		<b>537</b>	458	0
Oil Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>ATTENTION</b>	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>50	<b>15</b>	0	3
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m		<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	<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>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185m	>25	<b>30</b>	1	5
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185m		<b>6</b>	3	2
Boron	ppm	ASTM D5185m	0.3	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	0.3	<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	0.9	<b>2</b>	0	<1
Magnesium	ppm	ASTM D5185m	0.2	<b>0</b>	0	1
Calcium	ppm	ASTM D5185m	0.1	<b>0</b>	0	<1
Phosphorus	ppm	ASTM D5185m	429	<b>429</b>	336	199
Zinc	ppm	ASTM D5185m	0.3	<b>36</b>	87	49
Sulfur	ppm	ASTM D5185m	1336	<b>1293</b>	1053	672
Acid Number (AN)	mg KOH/g	ASTM D8045	0.622	<b>0.37</b>	0.27	0.24
Visc @ 40°C	cSt	ASTM D445	44.32	<b>42.7</b>	43.0	41.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UHC0000800  
**Lab Number** : 06211840  
**Unique Number** : 11084704  
**Test Package** : IND 2  
**Received** : 17 Jun 2024  
**Tested** : 18 Jun 2024  
**Diagnosed** : 19 Jun 2024 - Don Baldrige

**ATLANTA AIR COMPRESSOR**  
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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)