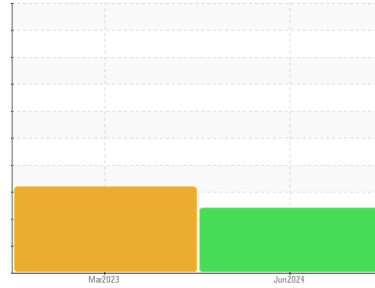


Area  
**NOT GIVEN**  
Machine Id  
**HERTZ VD027014**  
Component  
**Compressor**



**DIAGNOSIS**

**Recommendation**  
We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

**Wear**  
All component wear rates are normal.

**Contamination**  
Appearance is hazy. There is a moderate amount of visible silt present in the sample. There is a light concentration of water present in the oil.

**Fluid Condition**  
The AN level is acceptable for this fluid.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>UHK06208291</b>	UHK05832097	---
Sample Date	Client Info			<b>11 Jun 2024</b>	15 Mar 2023	---
Machine Age	hrs	Client Info		<b>0</b>	500	---
Oil Age	hrs	Client Info		<b>0</b>	500	---
Oil Changed	Client Info			<b>N/A</b>	Not Changd	---
Sample Status				<b>ATTENTION</b>	ABNORMAL	---

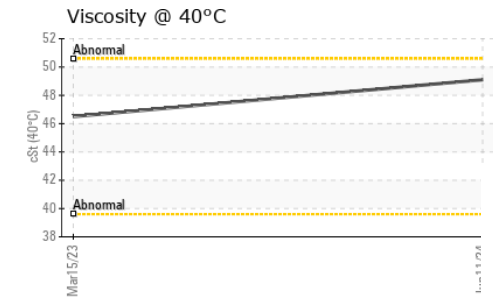
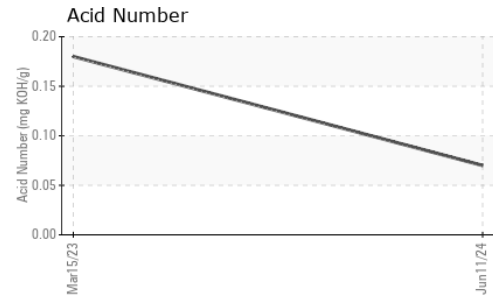
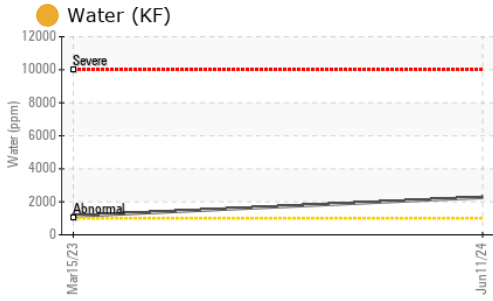
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<b>&lt;1</b>	5	---
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m		<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>3</b>	2	---
Tin	ppm	ASTM D5185m	>15	<b>12</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</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>2</b>	0	---
Phosphorus	ppm	ASTM D5185m		<b>409</b>	53	---
Zinc	ppm	ASTM D5185m		<b>0</b>	6	---
Sulfur	ppm	ASTM D5185m		<b>1011</b>	548	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>3</b>	2	---
Sodium	ppm	ASTM D5185m		<b>0</b>	0	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	<1	---
Water	%	ASTM D6304	>0.1	<b>0.227</b>	0.114	---
ppm Water	ppm	ASTM D6304	>1000	<b>2270</b>	1140	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.07</b>	0.18	---

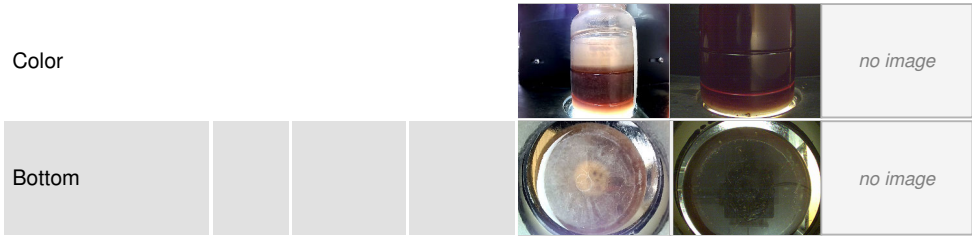
# OIL ANALYSIS REPORT



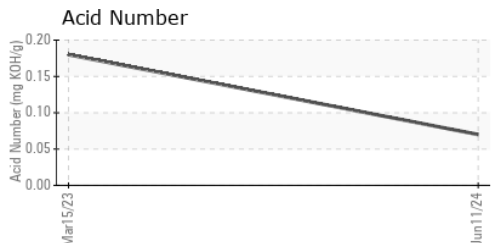
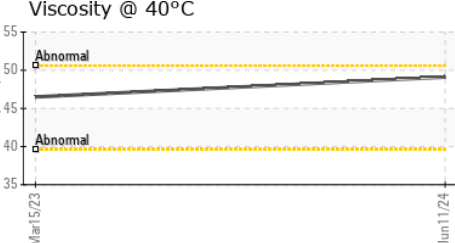
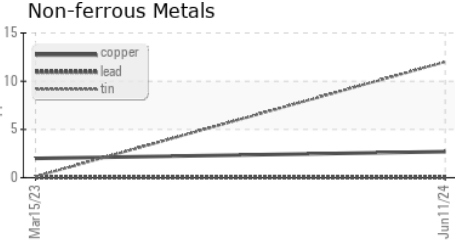
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE
Silt	scalar	*Visual	NONE	<b>MODER</b>	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	MODER
Sand/Dirt	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	<b>49.1</b>	46.5	---

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UHK06208291      **Received** : 12 Jun 2024  
**Lab Number** : **06208291**      **Tested** : 14 Jun 2024  
**Unique Number** : 11075752      **Diagnosed** : 14 Jun 2024 - Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: KF )

**E & S COMPRESSOR**  
 GREENBRIER, AR  
 US 72058  
 Contact: JONATHAN GOODMAN  
 JONATHAN@ESAIRCOMPRESSOR.COM

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)

T:  
F: