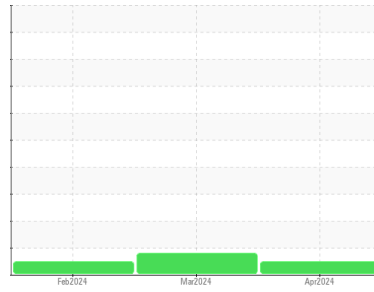


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**MOBIL SHC 46**

Machine Id

**SULLAIR 003-86364 - ANHEISER BUSCH**

Component

**Compressor**

**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>UCS06144418</b>	UCS06144417	UCS06107496
Sample Date	Client Info			<b>03 Apr 2024</b>	29 Mar 2024	16 Feb 2024
Machine Age	hrs	Client Info		<b>106229</b>	106229	6227
Oil Age	hrs	Client Info		<b>0</b>	0	4000
Oil Changed	Client Info			<b>Not Chngd</b>	Not Chngd	Changed
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

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

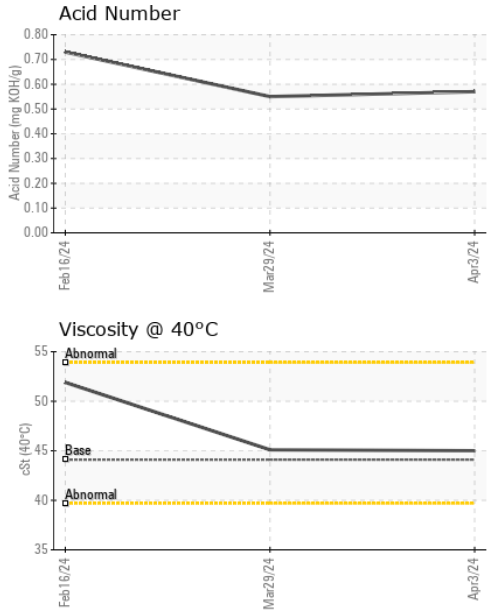
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<b>2</b>	2	0
Chromium	ppm	ASTM D5185m	>10	<b>1</b>	<1	0
Nickel	ppm	ASTM D5185m		<b>1</b>	1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>8</b>	6	<1
Lead	ppm	ASTM D5185m	>25	<b>2</b>	3	0
Copper	ppm	ASTM D5185m	>50	<b>2</b>	2	2
Tin	ppm	ASTM D5185m	>15	<b>1</b>	1	0
Vanadium	ppm	ASTM D5185m		<b>1</b>	1	0
Cadmium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Calcium	ppm	ASTM D5185m		<b>5</b>	5	0
Phosphorus	ppm	ASTM D5185m		<b>105</b>	116	103
Zinc	ppm	ASTM D5185m		<b>5</b>	10	0
Sulfur	ppm	ASTM D5185m		<b>40</b>	86	177

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>2</b>	2	0
Sodium	ppm	ASTM D5185m		<b>20</b>	11	<1
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	3	0

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.57</b>	0.55	0.73

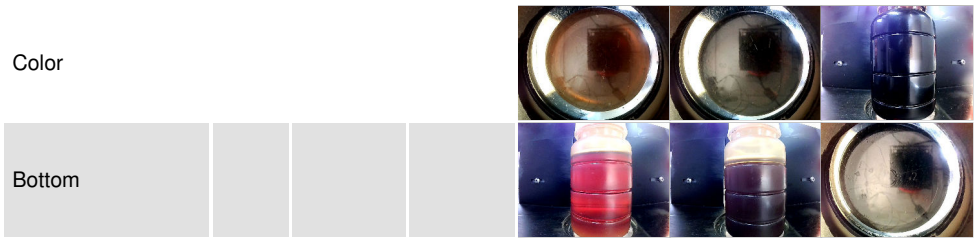
# OIL ANALYSIS REPORT



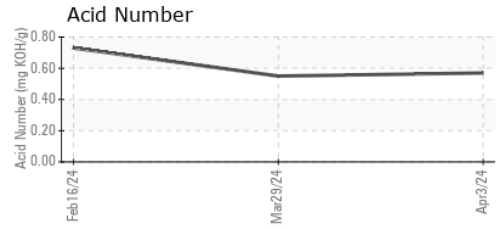
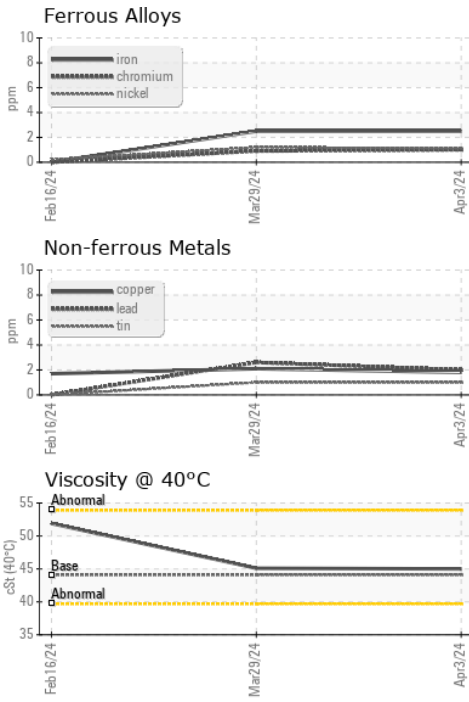
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	▲ HEAVY	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	44.1	<b>45.0</b>	45.1	51.9

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06144418      **Received** : 10 Apr 2024  
**Lab Number** : **06144418**      **Tested** : 11 Apr 2024  
**Unique Number** : 10969226      **Diagnosed** : 12 Apr 2024 - Sean Felton  
**Test Package** : IND 2

**JEMCO-MAXAIR**  
 WEST FARGO, ND  
 US 58078  
 Contact: DALE K  
 dalek@jemco-maxair.com  
 T: (701)281-0362  
 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)