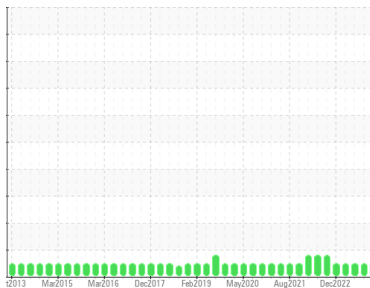




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**PLATINUM BTG**

Machine Id

**SULLAIR LS20-100SH 200709260048 - LE JONES**

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 component.

### 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>UCZ06220589</b>	UCZ06095946	UCZ05956798
Sample Date	Client Info			<b>19 Jun 2024</b>	12 Feb 2024	14 Sep 2023
Machine Age	hrs	Client Info		<b>98838</b>	96183	94365
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<b>0</b>	0	0
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m		<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>15	<b>2</b>	0	0
Lead	ppm	ASTM D5185m	>65	<b>0</b>	<1	1
Copper	ppm	ASTM D5185m	>65	<b>0</b>	0	<1
Tin	ppm	ASTM D5185m	>10	<b>14</b>	13	14
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	4.8	<b>&lt;1</b>	0	0
Barium	ppm	ASTM D5185m	6.3	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0.5	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m	3.4	<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185m	3	<b>0</b>	0	0
Calcium	ppm	ASTM D5185m	10	<b>0</b>	0	0
Phosphorus	ppm	ASTM D5185m	0	<b>13</b>	4	2
Zinc	ppm	ASTM D5185m	6.3	<b>0</b>	1	0
Sulfur	ppm	ASTM D5185m	59	<b>242</b>	14	82

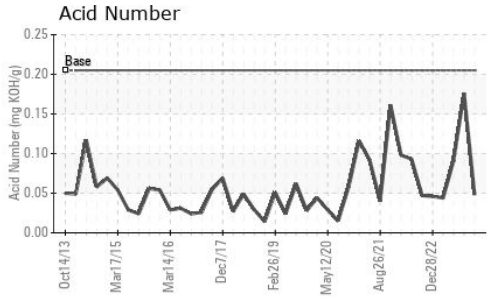
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	<b>94368</b>	67708	50054
Sodium	ppm	ASTM D5185m		<b>0</b>	0	<1
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	0	0
Water	%	ASTM D6304	>0.1	<b>NEG</b>	NEG	NEG

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.205	<b>0.048</b>	0.176	0.091

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
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
Free Water	scalar	*Visual		<b>NEG</b>	NEG	NEG

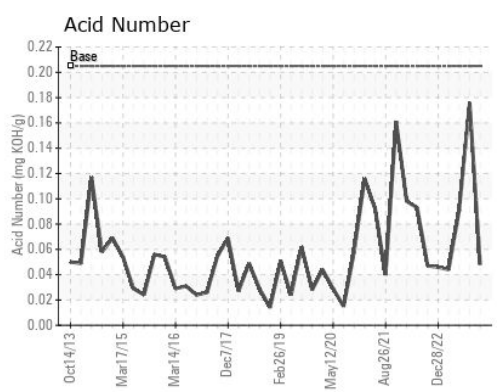
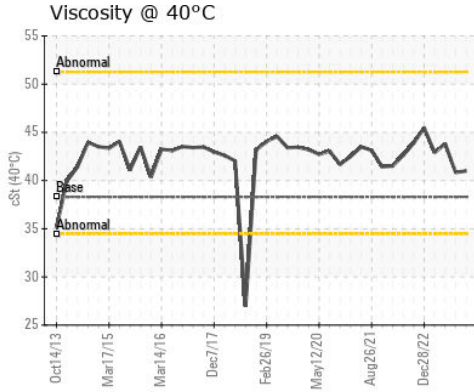
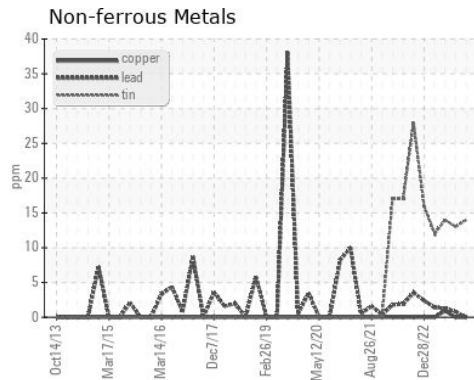
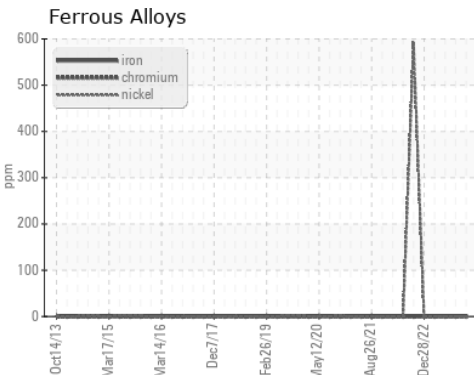


# OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCZ06220589      **Received** : 25 Jun 2024  
**Lab Number** : **06220589**      **Tested** : 27 Jun 2024  
**Unique Number** : 11098786      **Diagnosed** : 27 Jun 2024 - Jonathan Hester  
**Test Package** : IND 2 ( Additional Tests: KF )

**ZORN COMP & EQUIPMENT CO (GB)**  
 733 POTTS AVE  
 GREEN BAY, WI  
 US 54304  
 Contact: DEAN SCHAD  
 dean.schad@zornair.com  
 T: (920)391-8121  
 F: (920)499-1168

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)