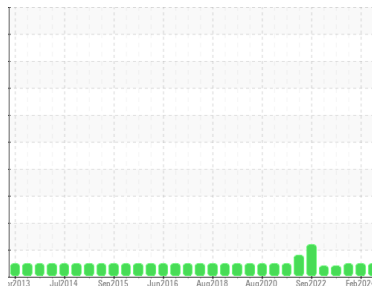




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**PLATINUM BTG**

Machine Id

**SULLAIR LS20-100SH 003-144760 - 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>UCZ06220588</b>	UCZ06095947	UCZ05956799
Sample Date	Client Info		<b>19 Jun 2024</b>	12 Feb 2024	14 Sep 2023
Machine Age	hrs	Client Info	<b>0</b>	64901	63389
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	2
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>&lt;1</b>	0	0
Calcium	ppm	ASTM D5185m 10	<b>0</b>	0	0
Phosphorus	ppm	ASTM D5185m 0	<b>14</b>	4	3
Zinc	ppm	ASTM D5185m 6.3	<b>0</b>	1	0
Sulfur	ppm	ASTM D5185m 59	<b>247</b>	14	84

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >35	<b>93911</b>	68582	50761
Sodium	ppm	ASTM D5185m	<b>0</b>	0	0
Potassium	ppm	ASTM D5185m >20	<b>3</b>	0	0
Water	%	ASTM D6304 >0.1	<b>NEG</b>	NEG	NEG

## FLUID DEGRADATION

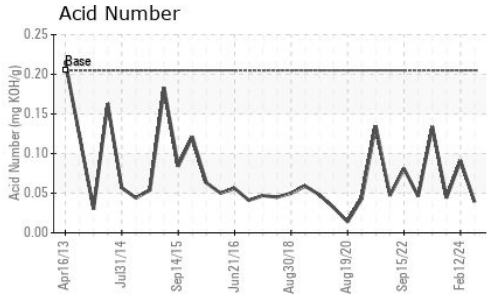
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.205	<b>0.039</b>	0.091	0.044

## 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	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
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG

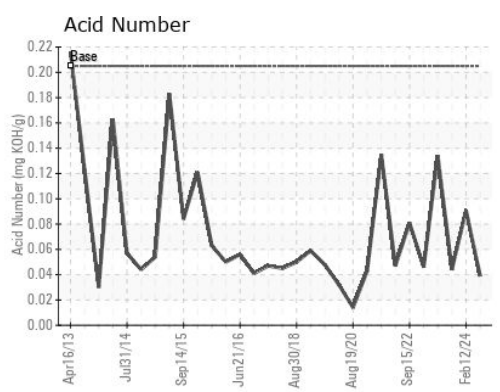
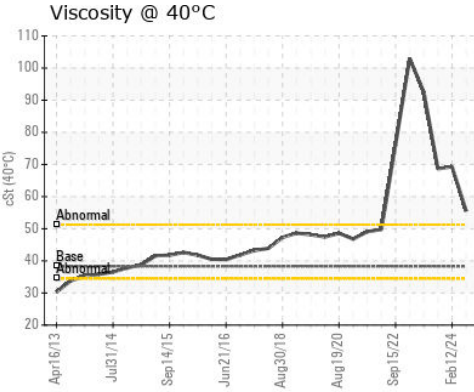
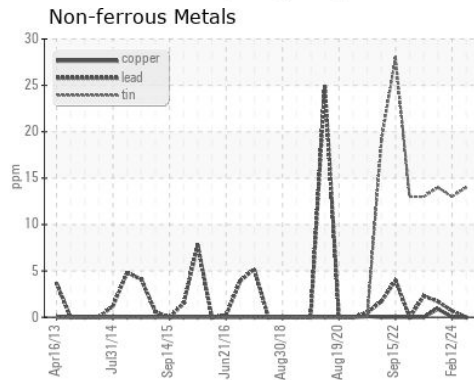
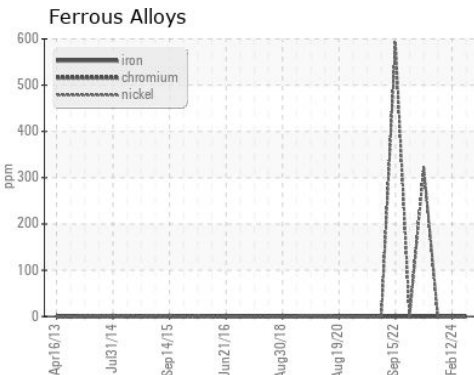


# OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCZ06220588      **Received** : 25 Jun 2024  
**Lab Number** : **06220588**      **Tested** : 27 Jun 2024  
**Unique Number** : 11098785      **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)