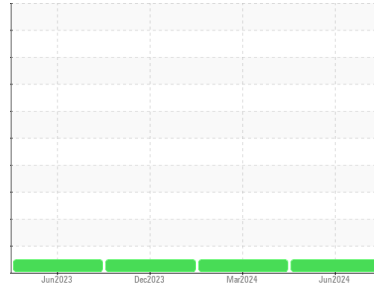




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Machine Id

## SULLAIR 201109220062 - TRI SEAL

Component

**Compressor**

Fluid

**SULLAIR SULLUBE (25 GAL)**

### 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>WC0950786</b>	WC0897054	WC0886206
Sample Date	Client Info			<b>13 Jun 2024</b>	07 Mar 2024	13 Dec 2023
Machine Age	hrs	Client Info		<b>39025</b>	37006	37004
Oil Age	hrs	Client Info		<b>3488</b>	1400	1467
Oil Changed	Client Info			<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	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>4</b>	6	5
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185m		<b>&lt;1</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	>25	<b>&lt;1</b>	2	<1
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>0</b>	<1	<1
Tin	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
Cadmium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0

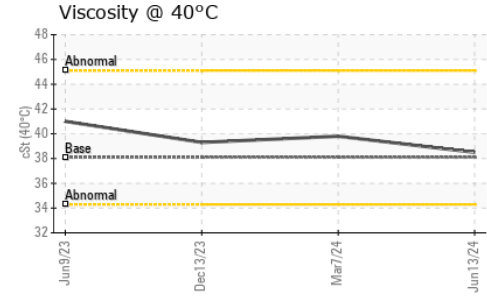
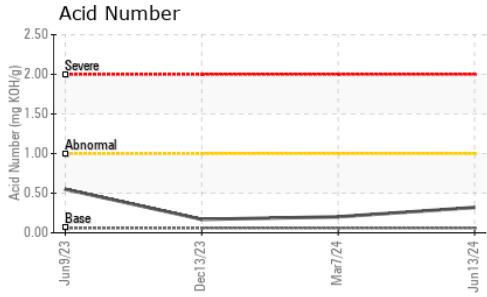
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m	745	<b>521</b>	563	566
Molybdenum	ppm	ASTM D5185m	0.0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	<1	0
Calcium	ppm	ASTM D5185m	1	<b>2</b>	5	0
Phosphorus	ppm	ASTM D5185m	3	<b>2</b>	1	0
Zinc	ppm	ASTM D5185m	0.1	<b>12</b>	4	5
Sulfur	ppm	ASTM D5185m	240	<b>352</b>	228	285

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>2</b>	3	2
Sodium	ppm	ASTM D5185m		<b>41</b>	30	29
Potassium	ppm	ASTM D5185m	>20	<b>8</b>	4	1

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	.06	<b>0.32</b>	0.202	0.17



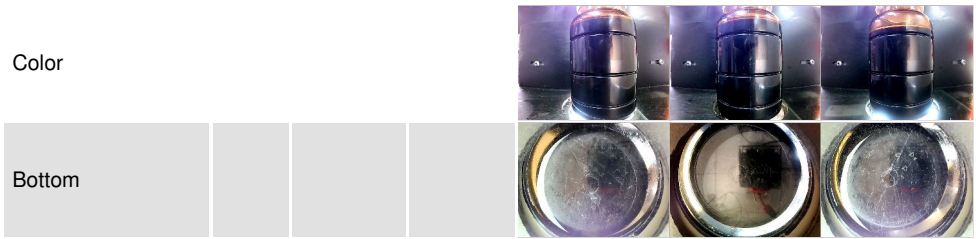
# OIL ANALYSIS REPORT



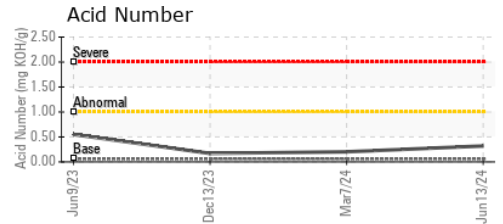
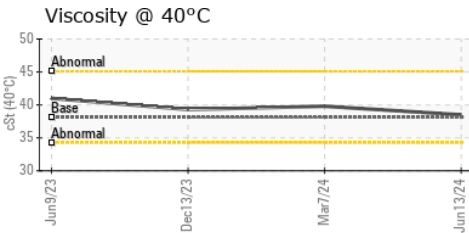
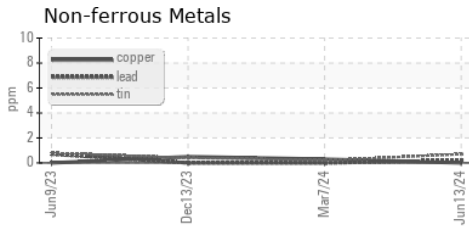
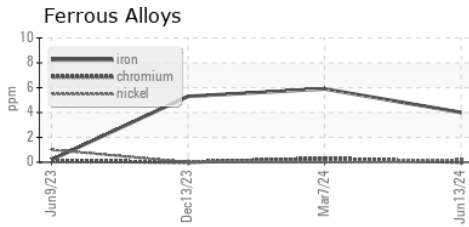
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	38.1	<b>38.5</b>	39.8	39.3

### SAMPLE IMAGES



### GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0950786      **Received** : 20 Jun 2024  
**Lab Number** : 06215871      **Tested** : 21 Jun 2024  
**Unique Number** : 11088735      **Diagnosed** : 23 Jun 2024 - Don Baldrige  
**Test Package** : IND 2

**FS-COMPRESSON CO, LLC**  
 203 AERO COURT  
 GREENSBORO, NC  
 US 27409  
 Contact: Dallas Burcham  
 dallas.burcham@fs-compression.com  
 T: (336)605-9622  
 F: (336)605-9844

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)