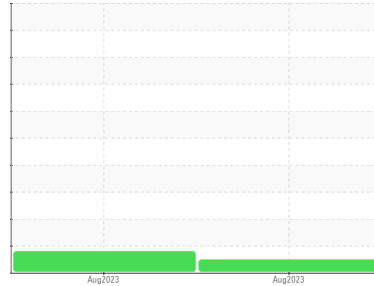




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**SULLAIR 1100**  
 Component  
**Compressor**  
 Fluid  
**SULLAIR SULLUBE (--- 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>RP0033677</b>	RP0033660	---
Sample Date	Client Info			<b>28 Aug 2023</b>	28 Aug 2023	---
Machine Age	hrs	Client Info		<b>56638</b>	56638	---
Oil Age	hrs	Client Info		<b>5370</b>	5370	---
Oil Changed	Client Info			<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<b>0</b>	0	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m		<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	2	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>8</b>	7	---
Tin	ppm	ASTM D5185m	>15	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	<1	---

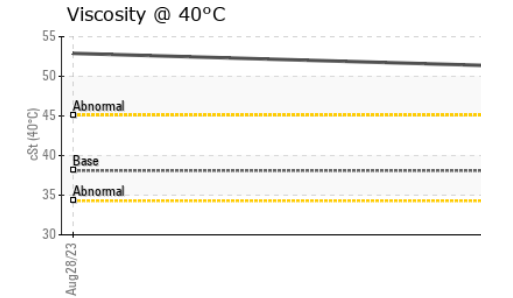
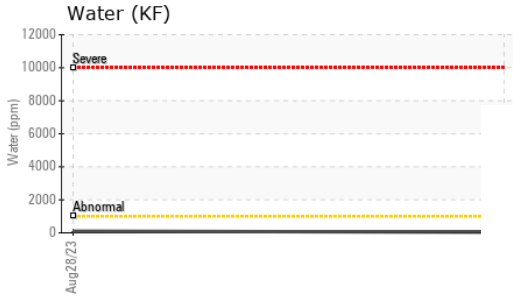
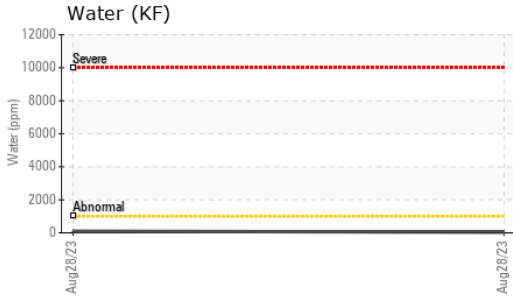
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>0</b>	0	---
Barium	ppm	ASTM D5185m	745	<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185m	0.0	<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>0</b>	0	---
Magnesium	ppm	ASTM D5185m	0.0	<b>7</b>	<1	---
Calcium	ppm	ASTM D5185m	1	<b>0</b>	0	---
Phosphorus	ppm	ASTM D5185m	3	<b>27</b>	2	---
Zinc	ppm	ASTM D5185m	0.1	<b>0</b>	0	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>0</b>	2	---
Sodium	ppm	ASTM D5185m		<b>0</b>	0	---
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	1	---
Water	%	ASTM D6304	>0.1	<b>0.003</b>	0.010	---
ppm Water	ppm	ASTM D6304	>1000	<b>37</b>	100	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	.06	<b>0.26</b>	0.27	---

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

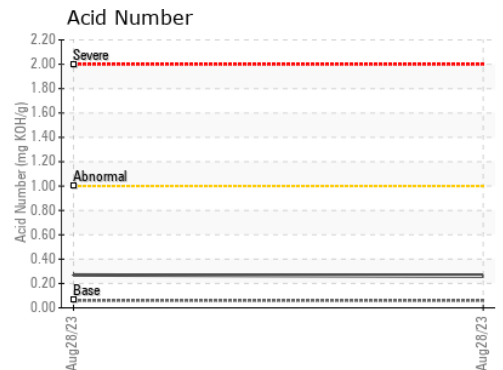
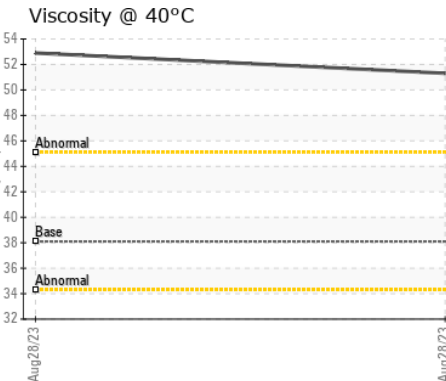
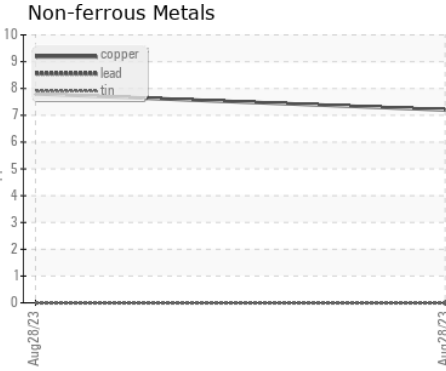
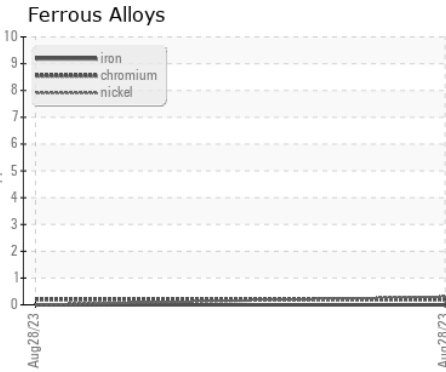
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	38.1	<b>51.3</b>	52.9	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						no image
Bottom						no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RP0033677 **Received** : 18 Jan 2024  
**Lab Number** : **06065067** **Diagnosed** : 22 Jan 2024  
**Unique Number** : 10836449 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2

**SULZER HICKHAM**  
 11518 OLD LAPORTE RD.  
 LAPORTE, TX  
 US 77571  
 Contact: EVER GARZA  
 ever.garza@sulzer.com  
 T: (713)567-2807  
 F: (713)567-2846

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)