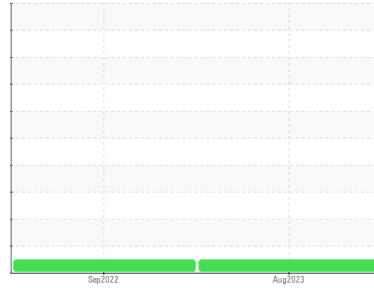




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**YORK YORK 16 2 SYS 1 - CENTRAL REGIONAL HOSPITAL (S/N 11551M65607323)**  
 Component  
**Screw Compressor**  
 Fluid  
**YORK TYPE L (3 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>WC0853649</b>	WC0672641	---
Sample Date	Client Info	<b>28 Aug 2023</b>	15 Sep 2022	---
Machine Age	hrs Client Info	<b>25013</b>	22366	---
Oil Age	hrs Client Info	<b>25013</b>	22366	---
Oil Changed	Client Info	<b>Filtered</b>	Filtered	---
Sample Status		<b>NORMAL</b>	NORMAL	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>60	<b>0</b>	0	---
Chromium ppm ASTM D5185m	>4	<b>&lt;1</b>	0	---
Nickel ppm ASTM D5185m		<b>0</b>	0	---
Titanium ppm ASTM D5185m		<b>&lt;1</b>	0	---
Silver ppm ASTM D5185m		<b>0</b>	<1	---
Aluminum ppm ASTM D5185m	>5	<b>0</b>	<1	---
Lead ppm ASTM D5185m	>10	<b>&lt;1</b>	0	---
Copper ppm ASTM D5185m	>30	<b>&lt;1</b>	0	---
Tin ppm ASTM D5185m	>15	<b>&lt;1</b>	<1	---
Vanadium ppm ASTM D5185m		<b>&lt;1</b>	0	---
Cadmium ppm ASTM D5185m		<b>&lt;1</b>	0	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		<b>0</b>	0	---
Barium ppm ASTM D5185m		<b>0</b>	0	---
Molybdenum ppm ASTM D5185m		<b>0</b>	0	---
Manganese ppm ASTM D5185m		<b>&lt;1</b>	0	---
Magnesium ppm ASTM D5185m		<b>6</b>	0	---
Calcium ppm ASTM D5185m		<b>0</b>	0	---
Phosphorus ppm ASTM D5185m		<b>1</b>	0	---
Zinc ppm ASTM D5185m		<b>11</b>	0	---
Sulfur ppm ASTM D5185m		<b>4</b>	0	---

## CONTAMINANTS

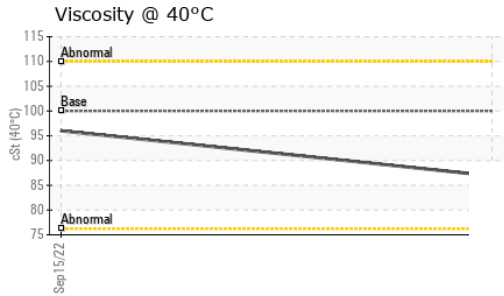
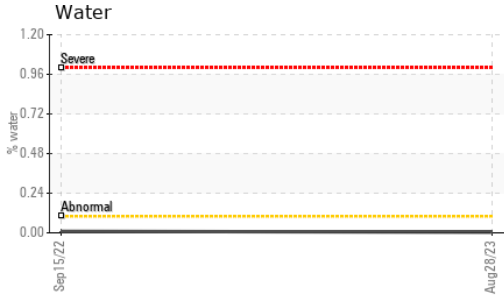
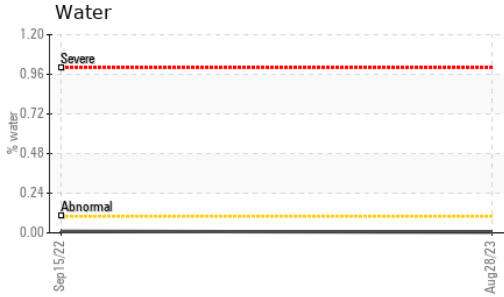
method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>50	<b>6</b>	6	---
Sodium ppm ASTM D5185m		<b>&lt;1</b>	0	---
Potassium ppm ASTM D5185m	>20	<b>2</b>	0	---
Water % ASTM D6304	>0.1	<b>0.004</b>	0.009	---
ppm Water ppm ASTM D6304	>1000	<b>49.6</b>	99.6	---

## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		<b>0.015</b>	0.015	---



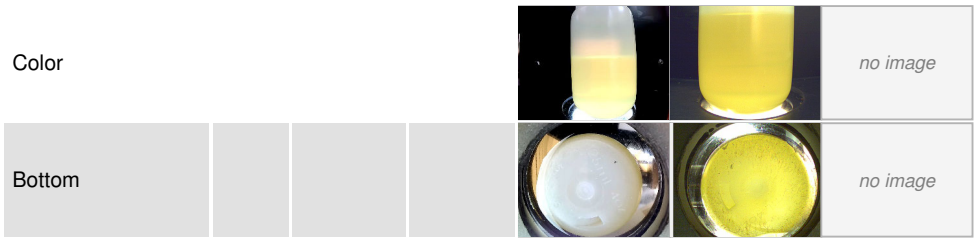
# OIL ANALYSIS REPORT



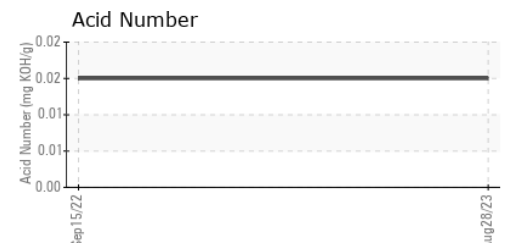
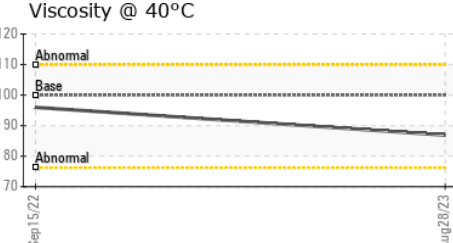
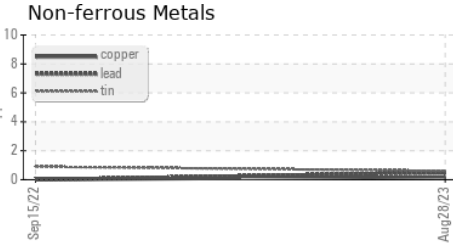
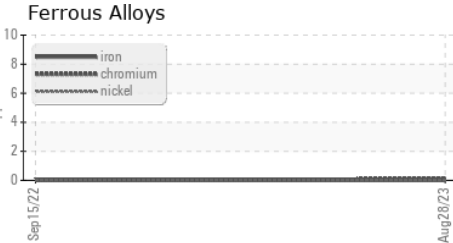
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	100	86.9	96.0

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0853649 **Received** : 29 Aug 2023  
**Lab Number** : 05937316 **Diagnosed** : 30 Aug 2023  
**Unique Number** : 10622587 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: KF )

**SCHNEIDER ELECTRIC**  
 PO DRAWER 185  
 MORRISVILLE, NC  
 US 27560  
 Contact: MARK SORRELL  
 mark.sorrell@se.com  
 T: (919)467-0106  
 F: (919)467-7466

Certificate L2367  
 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)