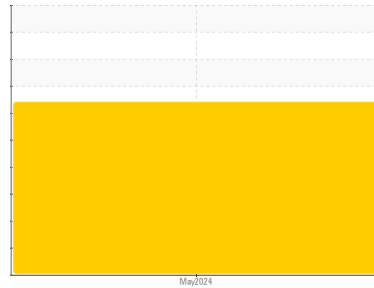




# PROBLEM SUMMARY

Area  
**SYNOIL 8K**  
 Machine Id  
**003-64921 - AMCOR FLEXIBLES**  
 Component  
**Compressor**

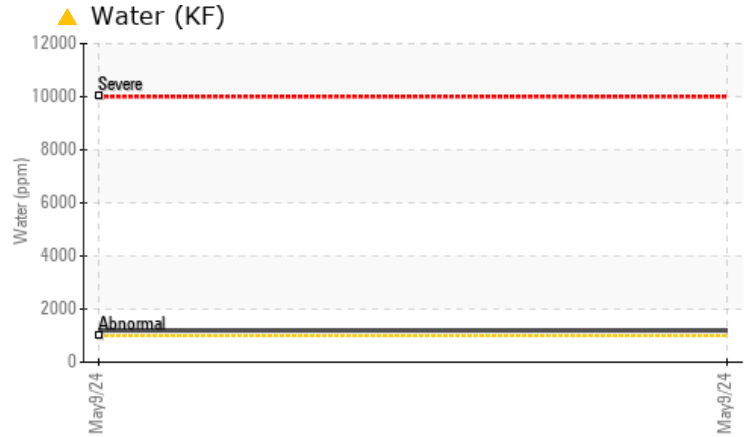
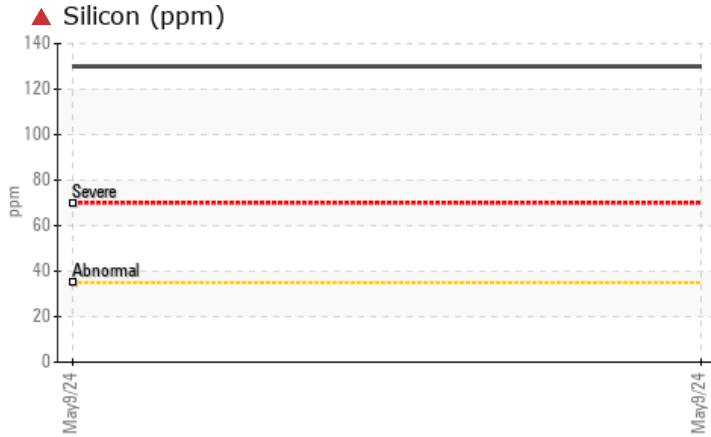
Sample Rating Trend



**DIRT**



## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

We advise that you follow the water drain-off procedure for this component. We recommend an early resample to monitor this condition.

## PROBLEMATIC TEST RESULTS

Sample Status				<b>SEVERE</b>	---	---
Silicon	ppm	ASTM D5185m	>35	<b>▲ 130</b>	---	---
Water	%	ASTM D6304	>0.1	<b>▲ 0.119</b>	---	---
ppm Water	ppm	ASTM D6304	>1000	<b>▲ 1190</b>	---	---

Customer Id: UCZORGRE  
 Sample No.: UCZ06178863  
 Lab Number: 06178863  
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Jonathan Hester +1 919-379-4092 x4092  
[jhester@wearcheckusa.com](mailto:jhester@wearcheckusa.com)

To change component or sample information:  
 Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

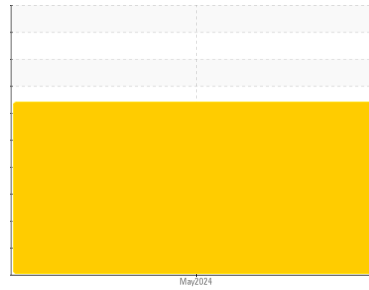
Action	Status	Date	Done By	Description
Water Drain-off	---	---	?	We advise that you follow the water drain-off procedure for this component.
Resample	---	---	?	We recommend an early resample to monitor this condition.

## HISTORICAL DIAGNOSIS



# OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Area

## SYNOIL 8K

Machine Id

# 003-64921 - AMCOR FLEXIBLES

Component

## Compressor

### DIAGNOSIS

#### ▲ Recommendation

We advise that you follow the water drain-off procedure for this component. We recommend an early resample to monitor this condition.

#### Wear

All component wear rates are normal.

#### ▲ Contamination

Elemental level of silicon (Si) above normal. There is a light concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil.

#### Fluid Condition

The AN level is acceptable for this fluid.

### SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCZ06178863	---	---
Sample Date	Client Info		09 May 2024	---	---
Machine Age	hrs	Client Info	100538	---	---
Oil Age	hrs	Client Info	2606	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			SEVERE	---	---

### WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	8	---	---
Chromium	ppm	ASTM D5185m >5	<1	---	---
Nickel	ppm	ASTM D5185m	<1	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >15	1	---	---
Lead	ppm	ASTM D5185m >65	0	---	---
Copper	ppm	ASTM D5185m >65	10	---	---
Tin	ppm	ASTM D5185m >10	<1	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	<1	---	---

### ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0.3	0	---	---
Barium	ppm	ASTM D5185m 0.3	0	---	---
Molybdenum	ppm	ASTM D5185m 0	<1	---	---
Manganese	ppm	ASTM D5185m 0.9	0	---	---
Magnesium	ppm	ASTM D5185m 0.2	<1	---	---
Calcium	ppm	ASTM D5185m 0.1	4	---	---
Phosphorus	ppm	ASTM D5185m 429	365	---	---
Zinc	ppm	ASTM D5185m 0.3	69	---	---
Sulfur	ppm	ASTM D5185m 1336	284	---	---

### CONTAMINANTS

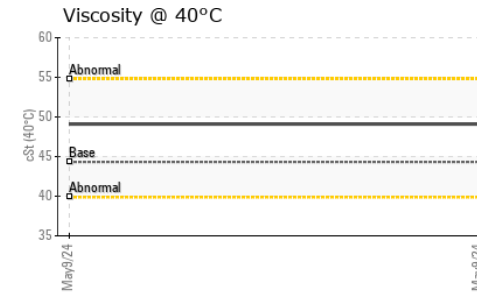
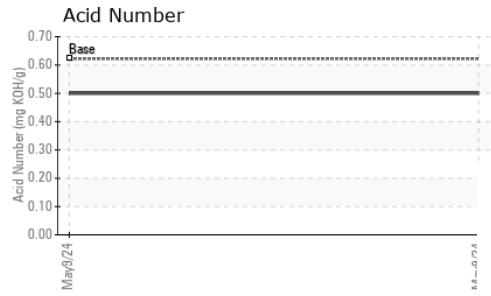
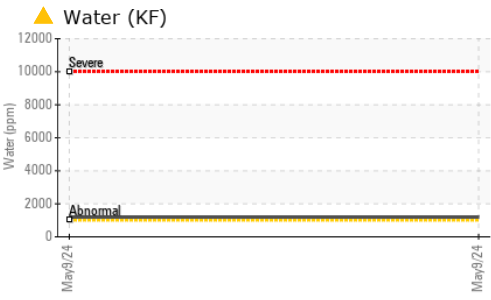
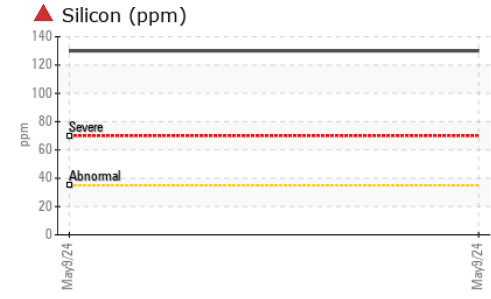
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >35	▲ 130	---	---
Sodium	ppm	ASTM D5185m	3	---	---
Potassium	ppm	ASTM D5185m >20	2	---	---
Water	%	ASTM D6304 >0.1	▲ 0.119	---	---
ppm Water	ppm	ASTM D6304 >1000	▲ 1190	---	---

### FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.622	0.50	---	---





# OIL ANALYSIS REPORT



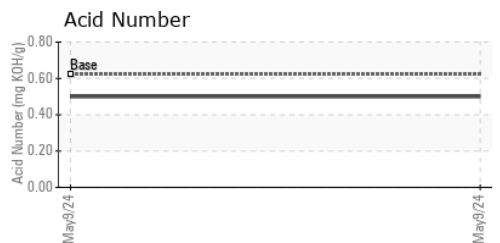
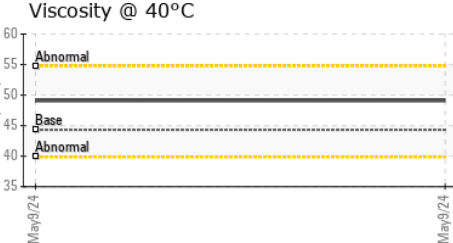
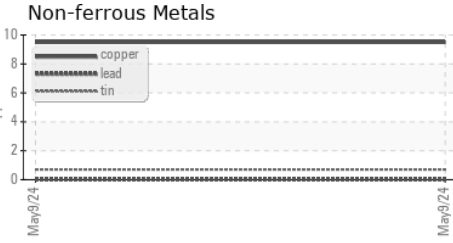
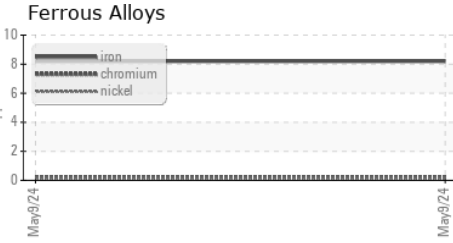
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	0.2%	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.32	49.1	---

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCZ06178863      **Received** : 14 May 2024  
**Lab Number** : 06178863      **Tested** : 15 May 2024  
**Unique Number** : 11030189      **Diagnosed** : 17 May 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)