

**PROBLEM SUMMARY**

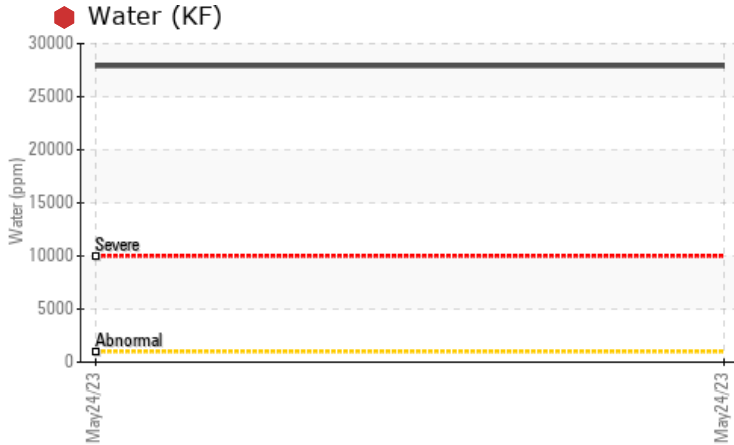
Sample Rating Trend

**WATER**

Area  
**NOT GIVEN**  
Machine Id  
**SULLAIR US0122090265 - PACTIV**  
Component  
**Compressor**



**COMPONENT CONDITION SUMMARY**



**RECOMMENDATION**

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

**PROBLEMATIC TEST RESULTS**

Sample Status				SEVERE	---	---
Water	%	ASTM D6304	>0.1	🔴 <b>2.79</b>	---	---
ppm Water	ppm	ASTM D6304	>1000	🔴 <b>27900</b>	---	---
Debris	scalar	*Visual	NONE	🟡 <b>MODER</b>	---	---
Emulsified Water	scalar	*Visual	>0.1	🔴 <b>0.2%</b>	---	---
Free Water	scalar	*Visual		🔴 <b>10.0</b>	---	---

Customer Id: UCTOTMOD  
Sample No.: UCS05860231  
Lab Number: 05860231  
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Angela Borella +1 800-237-1369  
[angela.borella@wearcheckusa.com](mailto:angela.borella@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
Change Filter	---	---	?	We recommend you service the filters on this component.
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

Area  
**NOT GIVEN**  
Machine Id  
**SULLAIR US0122090265 - PACTIV**  
Component  
**Compressor**



**DIAGNOSIS**

**Recommendation**

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

**Wear**

All component wear rates are normal.

**Contamination**

There is a high concentration of water present in the oil. Excessive free water present. Moderate concentration of visible dirt/debris present in the oil.

**Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

**SAMPLE INFORMATION**

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>UCS05860231</b>	---	---
Sample Date	Client Info		<b>24 May 2023</b>	---	---
Machine Age	hrs	Client Info	<b>3047</b>	---	---
Oil Age	hrs	Client Info	<b>3047</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>SEVERE</b>	---	---

**WEAR METALS**

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<b>4</b>	---	---
Chromium	ppm	ASTM D5185m >10	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185m	<b>0</b>	---	---
Silver	ppm	ASTM D5185m	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m >25	<b>0</b>	---	---
Lead	ppm	ASTM D5185m >25	<b>0</b>	---	---
Copper	ppm	ASTM D5185m >50	<b>1</b>	---	---
Tin	ppm	ASTM D5185m >15	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185m	<b>&lt;1</b>	---	---

**ADDITIVES**

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>8</b>	---	---
Barium	ppm	ASTM D5185m	<b>635</b>	---	---
Molybdenum	ppm	ASTM D5185m	<b>0</b>	---	---
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185m	<b>2</b>	---	---
Calcium	ppm	ASTM D5185m	<b>10</b>	---	---
Phosphorus	ppm	ASTM D5185m	<b>6</b>	---	---
Zinc	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Sulfur	ppm	ASTM D5185m	<b>389</b>	---	---

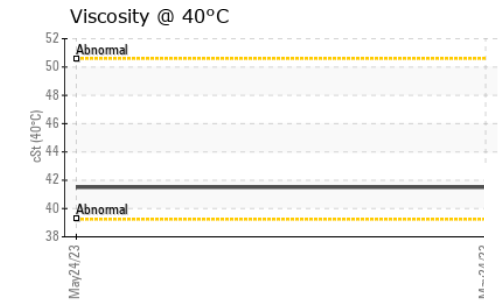
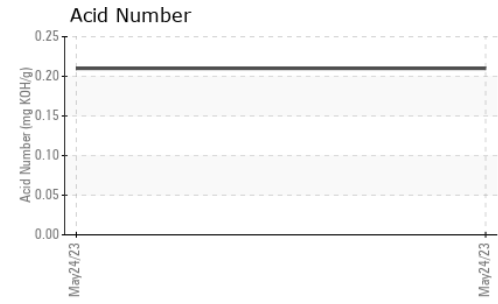
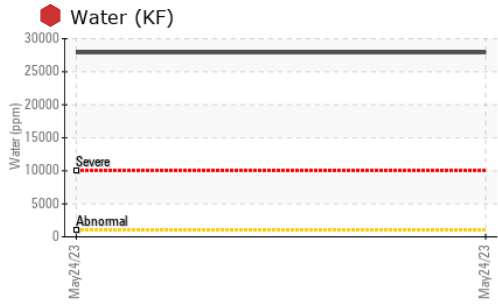
**CONTAMINANTS**

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>2</b>	---	---
Sodium	ppm	ASTM D5185m	<b>9</b>	---	---
Potassium	ppm	ASTM D5185m >20	<b>3</b>	---	---
Water	%	ASTM D6304 >0.1	<b>2.79</b>	---	---
ppm Water	ppm	ASTM D6304 >1000	<b>27900</b>	---	---

**FLUID DEGRADATION**

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.21</b>	---	---

# OIL ANALYSIS REPORT



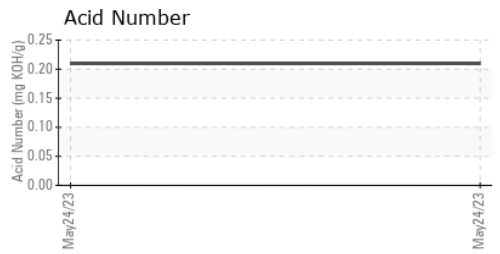
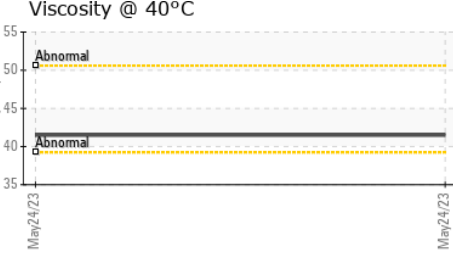
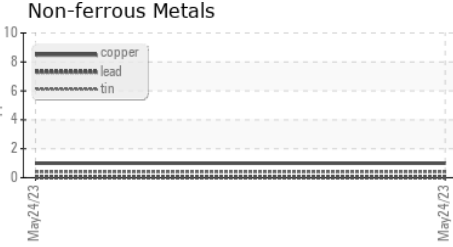
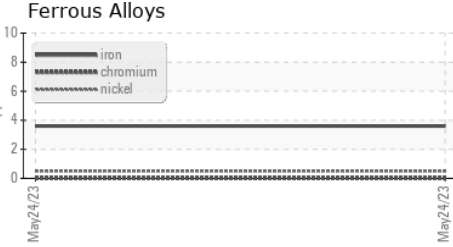
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	▲ MODER	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	● 0.2%	---	---
Free Water	scalar	*Visual		● 10.0	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	41.5	---	---

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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS05860231      **Received** : 30 May 2023  
**Lab Number** : 05860231      **Tested** : 31 May 2023  
**Unique Number** : 10494696      **Diagnosed** : 01 Jun 2023 - Angela Borella  
**Test Package** : IND 2 ( Additional Tests: KF )

**TOTAL POWER**  
 1440 CARPENTER LN  
 MODESTO, CA  
 US 95351

Contact: STEVE TURNER  
 totalpowersteve@yahoo.com

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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)

F: