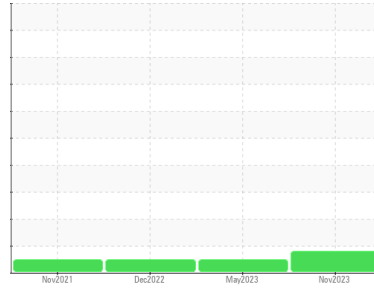


# PROBLEM SUMMARY

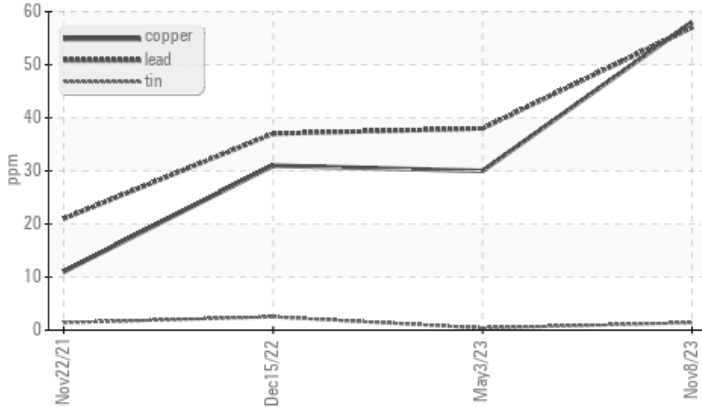
Sample Rating Trend



Machine Id  
**T271**  
 Component  
**Transmission (Auto)**  
 Fluid  
**COGNIS EMGARD 2805 ATF (--- QTS)**

## COMPONENT CONDITION SUMMARY

### ▲ Non-ferrous Metals



## RECOMMENDATION

No corrective action is recommended at this time.  
 Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
Lead	ppm	ASTM D5185m	>50	<b>▲ 57</b>	38	37

Customer Id: NWWVAR  
 Sample No.: PCA0101845  
 Lab Number: 06032969  
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldrige +1  
[don.b505@comcast.net](mailto:don.b505@comcast.net)

To change component or sample information:

Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS

### 03 May 2023 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



### 15 Dec 2022 Diag: Sean Felton

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



### 22 Nov 2021 Diag: Jonathan Hester

NORMAL



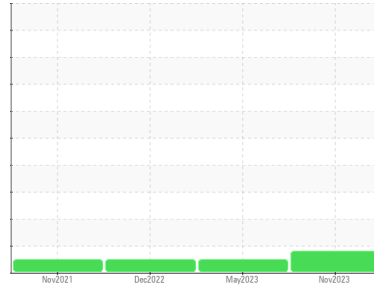
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



# OIL ANALYSIS REPORT

## Sample Rating Trend



**WEAR**



Machine Id  
**T271**  
Component  
**Transmission (Auto)**  
Fluid  
**COGNIS EMGARD 2805 ATF (--- QTS)**

### DIAGNOSIS

#### ▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

#### ▲ Wear

The lead level is abnormal. All other component wear rates are normal.

#### Contamination

There is no indication of any contamination in the fluid.

#### Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>PCA0101845</b>	PCA0095229	PCA0087522
Sample Date	Client Info			<b>08 Nov 2023</b>	03 May 2023	15 Dec 2022
Machine Age	mls Client Info			<b>0</b>	0	0
Oil Age	mls Client Info			<b>0</b>	0	0
Oil Changed	Client Info			<b>N/A</b>	N/A	N/A
Sample Status				<b>ABNORMAL</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		>160	<b>71</b>	66	65
Chromium	ppm ASTM D5185m		>5	<b>&lt;1</b>	0	<1
Nickel	ppm ASTM D5185m		>5	<b>0</b>	0	0
Titanium	ppm ASTM D5185m			<b>0</b>	0	0
Silver	ppm ASTM D5185m		>5	<b>0</b>	0	0
Aluminum	ppm ASTM D5185m		>50	<b>15</b>	12	15
Lead	ppm ASTM D5185m		>50	<b>▲ 57</b>	38	37
Copper	ppm ASTM D5185m		>225	<b>58</b>	30	31
Tin	ppm ASTM D5185m		>10	<b>1</b>	<1	2
Antimony	ppm ASTM D5185m			<b>---</b>	---	---
Vanadium	ppm ASTM D5185m			<b>0</b>	0	0
Cadmium	ppm ASTM D5185m			<b>0</b>	0	0

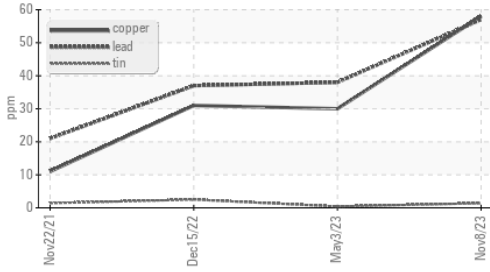
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m			<b>105</b>	111	131
Barium	ppm ASTM D5185m			<b>0</b>	0	0
Molybdenum	ppm ASTM D5185m			<b>4</b>	3	<1
Manganese	ppm ASTM D5185m			<b>&lt;1</b>	<1	1
Magnesium	ppm ASTM D5185m			<b>28</b>	19	4
Calcium	ppm ASTM D5185m			<b>205</b>	166	93
Phosphorus	ppm ASTM D5185m			<b>391</b>	359	365
Zinc	ppm ASTM D5185m			<b>172</b>	114	118
Sulfur	ppm ASTM D5185m			<b>1685</b>	1719	1685

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m		>20	<b>6</b>	5	6
Sodium	ppm ASTM D5185m			<b>5</b>	6	8
Potassium	ppm ASTM D5185m		>20	<b>&lt;1</b>	<1	1

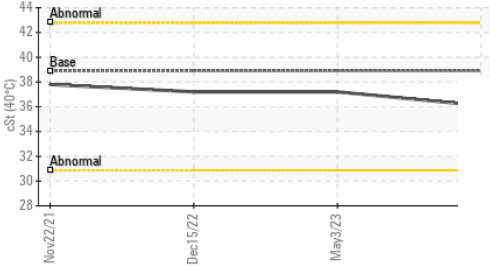
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>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

# OIL ANALYSIS REPORT

### ▲ Non-ferrous Metals



### Viscosity @ 40°C



### FLUID PROPERTIES

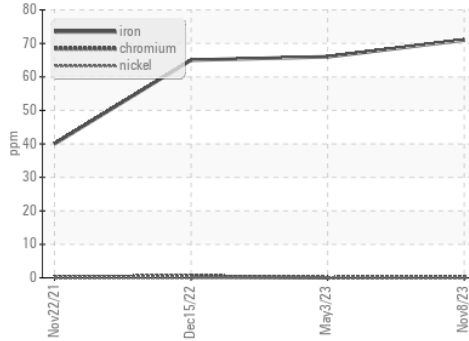
method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	38.9	<b>36.1</b>	37.2	37.2

### SAMPLE IMAGES

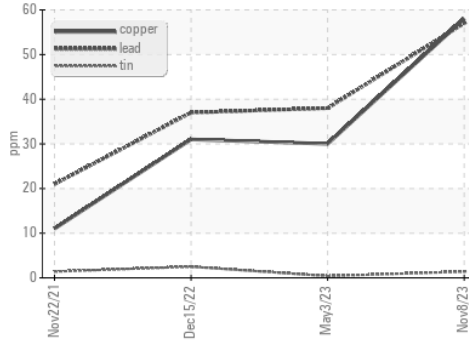
method	limit/base	current	history1	history2	
Color			no image	no image	no image
Bottom			no image	no image	no image

### GRAPHS

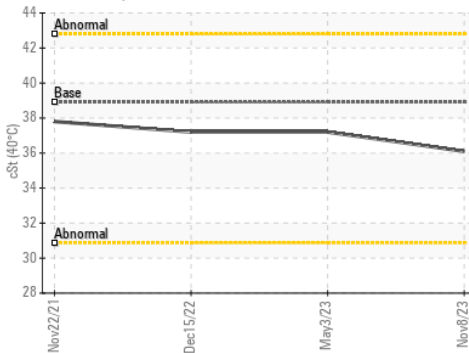
#### Ferrous Alloys



### ▲ Non-ferrous Metals



### Viscosity @ 40°C



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0101845 **Received** : 12 Dec 2023  
**Lab Number** : **06032969** **Diagnosed** : 15 Dec 2023  
**Unique Number** : 10782760 **Diagnostician** : Don Baldrige  
**Test Package** : FLEET

**NW WHITE & CO - BEAUFORT DIVISION**  
 1491 YENMASSEE HIGHWAY  
 VARNVILLE, SC  
 US 29944  
 Contact: VINCENT BULLOCK  
 bullockvince514@gmail.com

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)

T:  
F: