

# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**DT755**  
Component  
**Transmission (Auto)**  
Fluid  
**COGNIS EMGARD 2805 ATF (--- QTS)**

## 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 condition of the oil is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PCA0102376</b>	---	---
Sample Date	Client Info	<b>11 Oct 2023</b>	---	---
Machine Age	mls Client Info	<b>152886</b>	---	---
Oil Age	mls Client Info	<b>152886</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >220	<b>110</b>	---	---
Chromium ppm	ASTM D5185m >2	<b>&lt;1</b>	---	---
Nickel ppm	ASTM D5185m >5	<b>&lt;1</b>	---	---
Titanium ppm	ASTM D5185m	<b>0</b>	---	---
Silver ppm	ASTM D5185m >5	<b>&lt;1</b>	---	---
Aluminum ppm	ASTM D5185m >75	<b>43</b>	---	---
Lead ppm	ASTM D5185m >95	<b>27</b>	---	---
Copper ppm	ASTM D5185m >60	<b>23</b>	---	---
Tin ppm	ASTM D5185m >10	<b>4</b>	---	---
Vanadium ppm	ASTM D5185m	<b>0</b>	---	---
Cadmium ppm	ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	<b>83</b>	---	---
Barium ppm	ASTM D5185m	<b>0</b>	---	---
Molybdenum ppm	ASTM D5185m	<b>0</b>	---	---
Manganese ppm	ASTM D5185m	<b>2</b>	---	---
Magnesium ppm	ASTM D5185m	<b>4</b>	---	---
Calcium ppm	ASTM D5185m	<b>102</b>	---	---
Phosphorus ppm	ASTM D5185m	<b>262</b>	---	---
Zinc ppm	ASTM D5185m	<b>0</b>	---	---
Sulfur ppm	ASTM D5185m	<b>1539</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >25	<b>7</b>	---	---
Sodium ppm	ASTM D5185m	<b>8</b>	---	---
Potassium ppm	ASTM D5185m >20	<b>3</b>	---	---

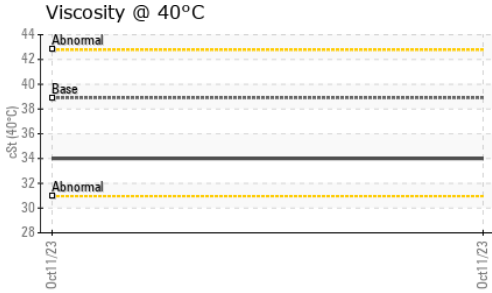
## VISUAL

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

## FLUID PROPERTIES

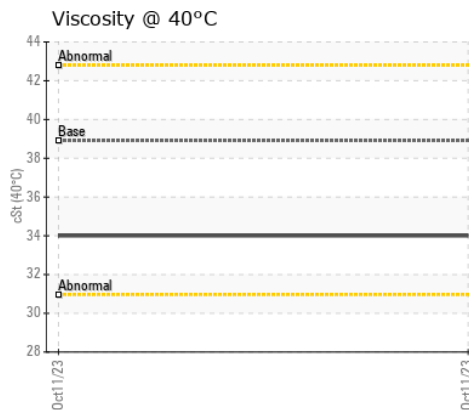
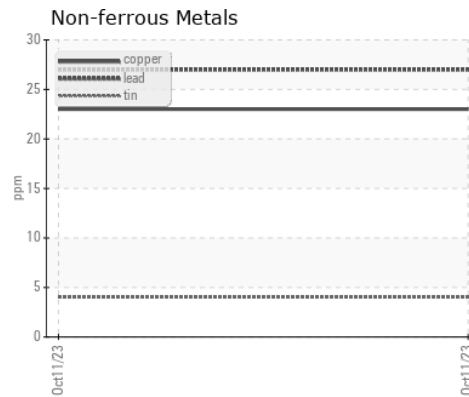
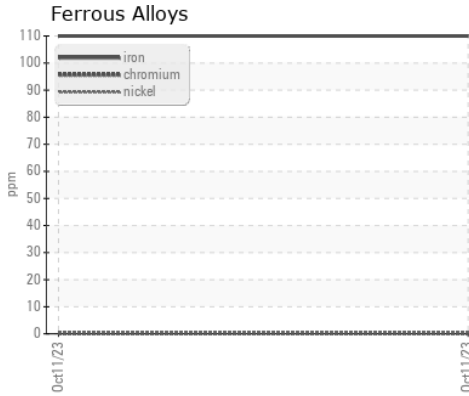
method	limit/base	current	history1	history2
Visc @ 40°C cSt	ASTM D445 38.9	<b>34.0</b>	---	---

# OIL ANALYSIS REPORT



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0102376 **Received** : 12 Oct 2023  
**Lab Number** : 05977871 **Diagnosed** : 16 Oct 2023  
**Unique Number** : 10695166 **Diagnostician** : Don Baldrige  
**Test Package** : FLEET

**NW WHITE & CO - GREENWOOD DIVISION**  
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 GREENWOOD, SC  
 US 29149  
 Contact: Mitchell Brown  
 greenwoodshop@nwwhite.com  
 T: (864)389-9553  
 F:

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)