



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Area  
**NWW GREENWOOD**  
Machine Id  
**DT755**  
Component  
**Transmission (Auto)**  
Fluid  
**COGNIS EMGARD 2805 ATF (36 QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0102378</b>	PCA0102376	---
Sample Date		Client Info		<b>06 May 2024</b>	11 Oct 2023	---
Machine Age	mls	Client Info		<b>185394</b>	152886	---
Oil Age	mls	Client Info		<b>152886</b>	152886	---
Filter Age	mls	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Chngd</b>	N/A	---
Filter Changed		Client Info		<b>Not Chngd</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>220	<b>34</b>	110	---
Chromium	ppm	ASTM D5185m	>2	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m	>5	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185m	>75	<b>13</b>	43	---
Lead	ppm	ASTM D5185m	>95	<b>4</b>	27	---
Copper	ppm	ASTM D5185m	>60	<b>7</b>	23	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	4	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

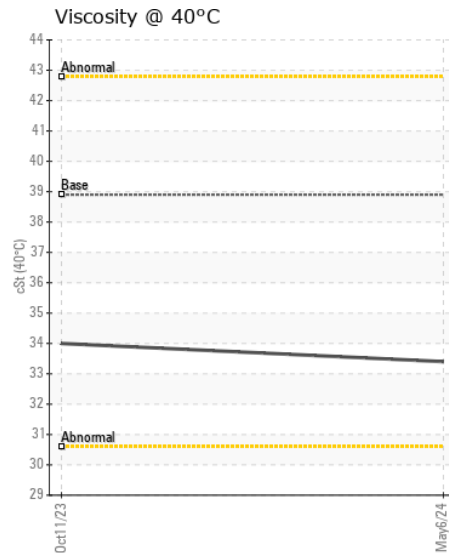
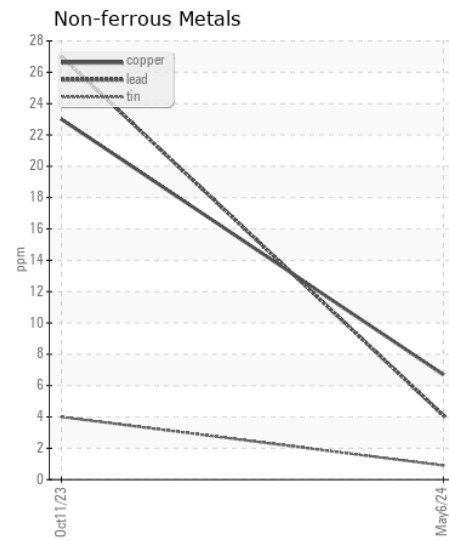
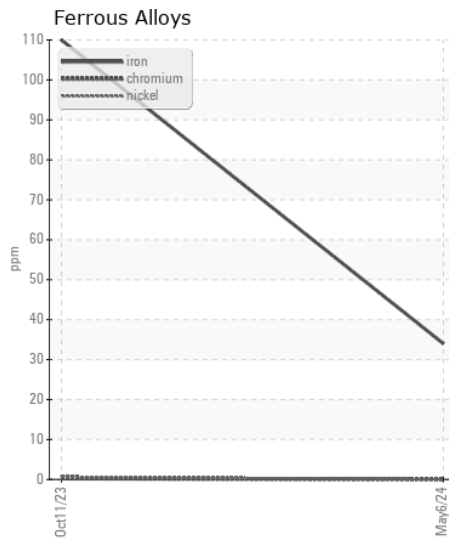
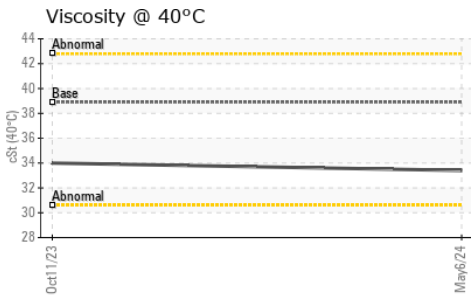
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>25	<b>5</b>	7	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	3	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>3</b>	8	---
Boron	ppm	ASTM D5185m		<b>88</b>	83	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	2	---
Magnesium	ppm	ASTM D5185m		<b>2</b>	4	---
Calcium	ppm	ASTM D5185m		<b>121</b>	102	---
Phosphorus	ppm	ASTM D5185m		<b>231</b>	262	---
Zinc	ppm	ASTM D5185m		<b>0</b>	0	---
Sulfur	ppm	ASTM D5185m		<b>2064</b>	1539	---
Visc @ 40°C	cSt	ASTM D445	38.9	<b>33.4</b>	34.0	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0102378  
**Lab Number** : 06175965  
**Unique Number** : 11022018  
**Test Package** : FLEET

**Received** : 10 May 2024  
**Tested** : 12 May 2024  
**Diagnosed** : 12 May 2024 - Wes Davis

**NW WHITE & CO - GREENWOOD DIVISION**  
 411 QUARRY ROAD  
 GREENWOOD, SC  
 US 29149

Contact: Mitchell Brown  
 greenwoodshop@nwwhite.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)

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F: