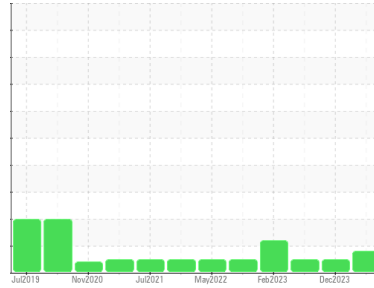


# OIL ANALYSIS REPORT

Sample Rating Trend



**WEAR**



Machine Id  
**DT667**  
 Component  
**Transmission (Auto)**  
 Fluid  
**COGNIS EMGARD 2805 ATF (15 mls)**

**DIAGNOSIS**

**Recommendation**

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

**Wear**

Clutch wear is indicated.

**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>PCA0111574</b>	PCA0111664	PCA0101860
Sample Date	Client Info			<b>17 Apr 2024</b>	04 Dec 2023	12 Jul 2023
Machine Age	mls	Client Info		<b>75000</b>	75000	75000
Oil Age	mls	Client Info		<b>75000</b>	75000	75000
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

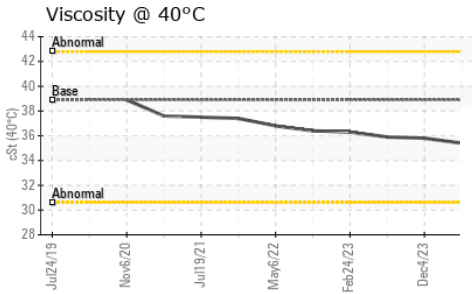
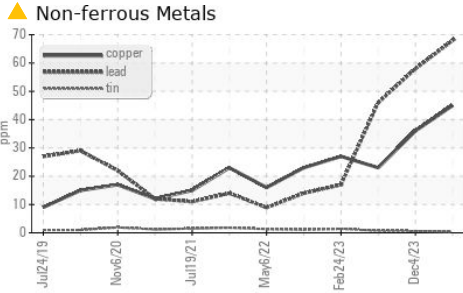
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	<b>62</b>	49	38
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>23</b>	18	14
Lead	ppm	ASTM D5185m	>50	<b>68</b>	58	46
Copper	ppm	ASTM D5185m	>225	<b>45</b>	36	23
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>133</b>	120	147
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>6</b>	6	7
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>27</b>	26	28
Calcium	ppm	ASTM D5185m		<b>240</b>	266	260
Phosphorus	ppm	ASTM D5185m		<b>404</b>	387	416
Zinc	ppm	ASTM D5185m		<b>130</b>	134	127
Sulfur	ppm	ASTM D5185m		<b>2272</b>	1832	2306

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	<b>6</b>	5	5
Sodium	ppm	ASTM D5185m		<b>5</b>	5	5
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	0

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

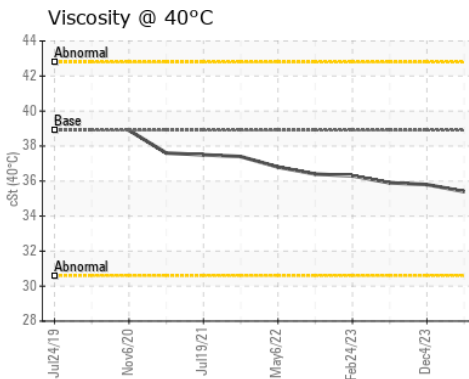
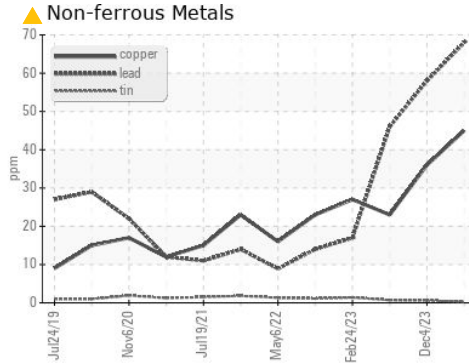
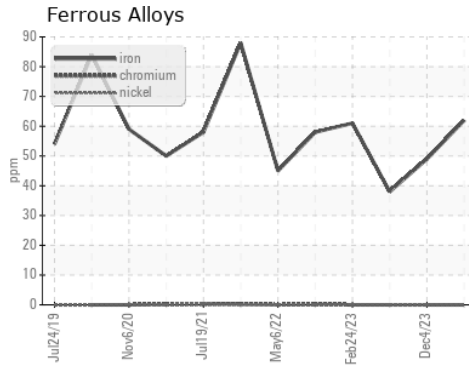


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	38.9	<b>35.4</b>	35.8	35.9

SAMPLE IMAGES		method	limit/base	current	history1	history2
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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.** : PCA0111574  
**Lab Number** : **06158185**  
**Unique Number** : 10993608  
**Test Package** : FLEET

**Received** : 23 Apr 2024  
**Tested** : 24 Apr 2024  
**Diagnosed** : 25 Apr 2024 - Jonathan Hester

**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: