



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



Machine Id  
**DT741**  
Component  
**Transmission (Auto)**  
Fluid  
**COGNIS EMGARD 2805 ATF (--- QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0113194</b>	PCA0096924	PCA0091228
Sample Date		Client Info		<b>20 Feb 2024</b>	20 Jul 2023	14 Feb 2023
Machine Age	mls	Client Info		<b>181237</b>	152808	126570
Oil Age	mls	Client Info		<b>28429</b>	152808	126570
Filter Age	mls	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>220	<b>55</b>	124	100
Chromium	ppm	ASTM D5185m	>2	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>75	<b>17</b>	33	21
Lead	ppm	ASTM D5185m	>95	<b>20</b>	55	42
Copper	ppm	ASTM D5185m	>60	<b>24</b>	41	28
Tin	ppm	ASTM D5185m	>10	<b>2</b>	4	3
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	VLITE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

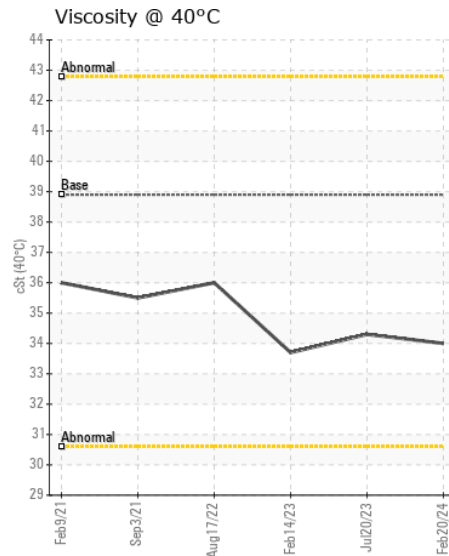
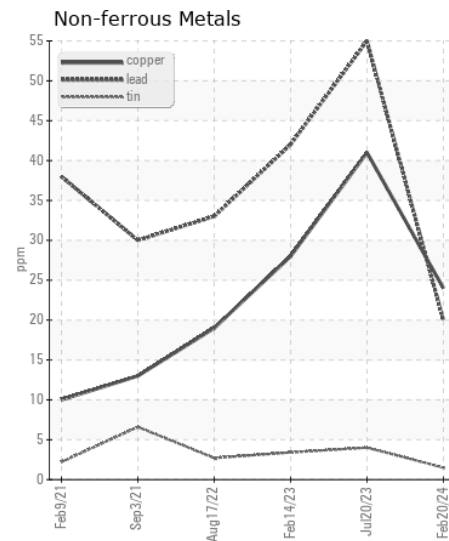
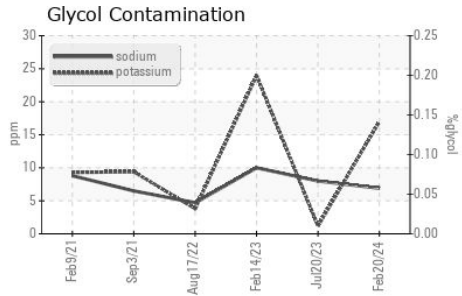
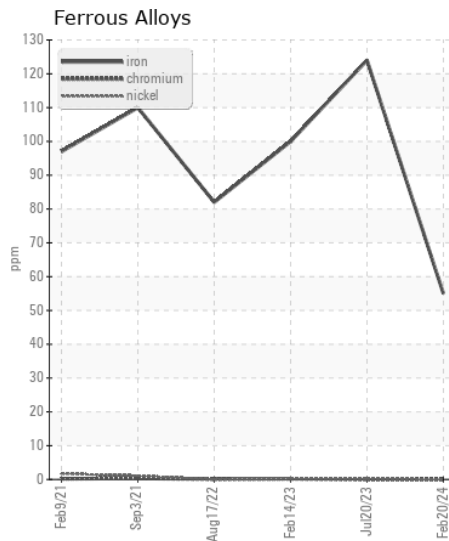
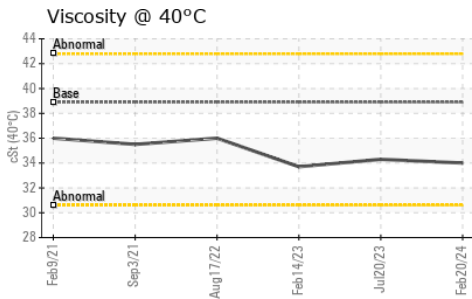
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>4</b>	5	6
Potassium	ppm	ASTM D5185m	>20	<b>17</b>	1	24
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	LIGHT
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

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>7</b>	8	10
Boron	ppm	ASTM D5185m		<b>77</b>	137	125
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>3</b>	2	2
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	2	1
Magnesium	ppm	ASTM D5185m		<b>24</b>	13	13
Calcium	ppm	ASTM D5185m		<b>157</b>	143	147
Phosphorus	ppm	ASTM D5185m		<b>275</b>	357	336
Zinc	ppm	ASTM D5185m		<b>38</b>	50	42
Sulfur	ppm	ASTM D5185m		<b>1828</b>	2141	2093
Visc @ 40°C	cSt	ASTM D445	38.9	<b>34.0</b>	34.3	33.7



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : PCA0113194

**Lab Number** : 06100533

**Unique Number** : 10898763

**Test Package** : FLEET ( Additional Tests: Glycol )

**Received** : 26 Feb 2024

**Tested** : 28 Feb 2024

**Diagnosed** : 28 Feb 2024 - Jonathan Hester

**NW WHITE & CO - ANDERSON DIVISION**

2605 RIVER RD

PIEDMONT, SC

US 29673

Contact: James Threatt

jthreatt@nwwhite.com

T: (864)918-4646

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)