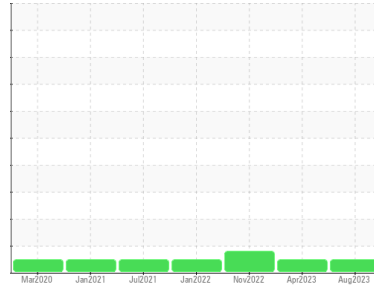


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT683
 Component
Transmission (Auto)
 Fluid
COGNIS EMGARD 2805 ATF (15 mls)

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 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	PCA0101864	PCA0035215	PCA0087553	
Sample Date	Client Info	24 Aug 2023	14 Apr 2023	23 Nov 2022	
Machine Age	mls	Client Info	22526	22526	22526
Oil Age	mls	Client Info	22526	0	22526
Oil Changed	Client Info	N/A	N/A	N/A	
Sample Status		NORMAL	NORMAL	ABNORMAL	

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >160	58	57	72
Chromium	ppm	ASTM D5185m >5	<1	0	0
Nickel	ppm	ASTM D5185m >5	0	0	0
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m >5	0	0	<1
Aluminum	ppm	ASTM D5185m >50	39	33	▲ 61
Lead	ppm	ASTM D5185m >50	42	42	43
Copper	ppm	ASTM D5185m >225	38	30	38
Tin	ppm	ASTM D5185m >10	3	2	4
Antimony	ppm	ASTM D5185m	---	---	---
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	109	149	158
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	7	7	<1
Manganese	ppm	ASTM D5185m	1	1	1
Magnesium	ppm	ASTM D5185m	30	34	5
Calcium	ppm	ASTM D5185m	237	286	106
Phosphorus	ppm	ASTM D5185m	391	468	369
Zinc	ppm	ASTM D5185m	111	139	35
Sulfur	ppm	ASTM D5185m	2276	2122	1987

CONTAMINANTS

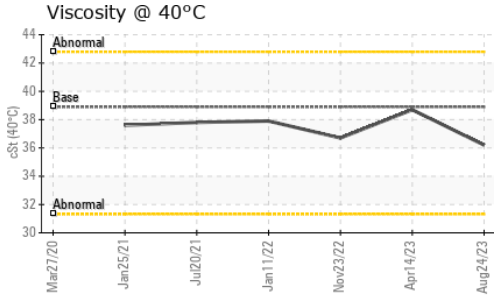
method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >20	8	6	8
Sodium	ppm	ASTM D5185m	8	6	4
Potassium	ppm	ASTM D5185m >20	3	3	3

VISUAL

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



OIL ANALYSIS REPORT



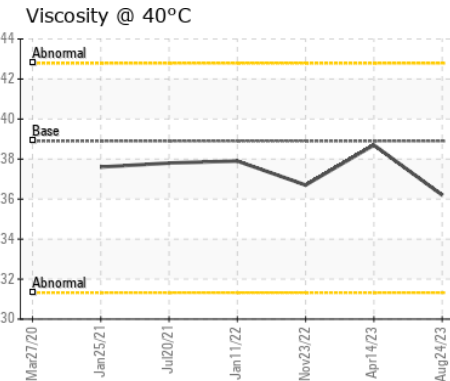
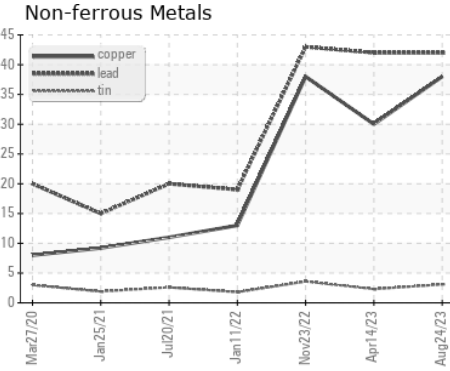
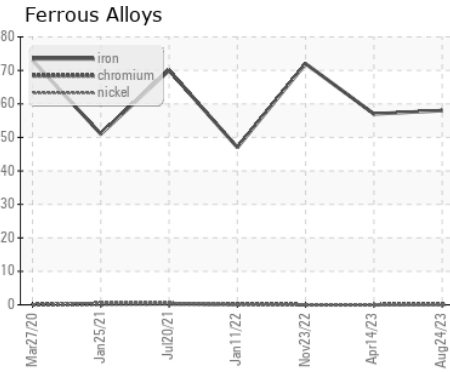
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	38.9	36.2	38.7	36.7

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. : PCA0101864 **Received** : 12 Sep 2023
Lab Number : **05949703** **Diagnosed** : 15 Sep 2023
Unique Number : 10645662 **Diagnostician** : Jonathan Hester
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: