

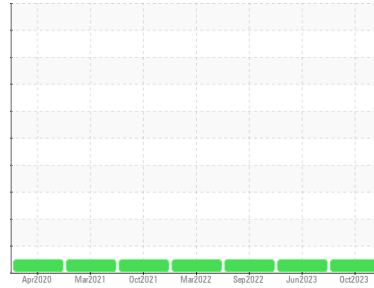
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT682
 Component
Transmission (Auto)
 Fluid
COGNIS EMGARD 2805 ATF (20 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	PCA0101828	PCA0095253	PCA0076453	
Sample Date	Client Info	24 Oct 2023	09 Jun 2023	22 Sep 2022	
Machine Age	mls	Client Info	22739	22739	22739
Oil Age	mls	Client Info	22739	22739	22739
Oil Changed	Client Info	N/A	N/A	N/A	
Sample Status		NORMAL	NORMAL	NORMAL	

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >160	72	50	56
Chromium	ppm ASTM D5185m >5	<1	0	<1
Nickel	ppm ASTM D5185m >5	0	<1	<1
Titanium	ppm ASTM D5185m	0	0	0
Silver	ppm ASTM D5185m >5	0	0	0
Aluminum	ppm ASTM D5185m >50	31	24	30
Lead	ppm ASTM D5185m >50	44	37	33
Copper	ppm ASTM D5185m >225	26	22	16
Tin	ppm ASTM D5185m >10	2	2	4
Vanadium	ppm ASTM D5185m	<1	0	<1
Cadmium	ppm ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	131	139	153
Barium	ppm ASTM D5185m	0	0	0
Molybdenum	ppm ASTM D5185m	6	8	<1
Manganese	ppm ASTM D5185m	<1	<1	1
Magnesium	ppm ASTM D5185m	21	34	6
Calcium	ppm ASTM D5185m	263	266	102
Phosphorus	ppm ASTM D5185m	419	402	378
Zinc	ppm ASTM D5185m	131	128	25
Sulfur	ppm ASTM D5185m	1997	2155	2020

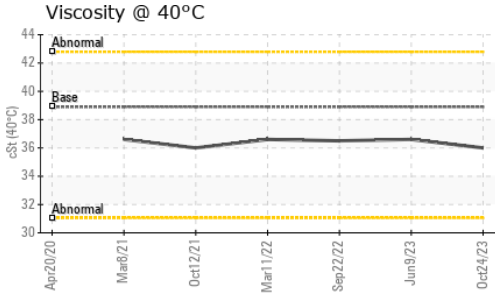
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	6	5	5
Sodium	ppm ASTM D5185m	7	0	8
Potassium	ppm ASTM D5185m >20	0	2	7

VISUAL

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

OIL ANALYSIS REPORT

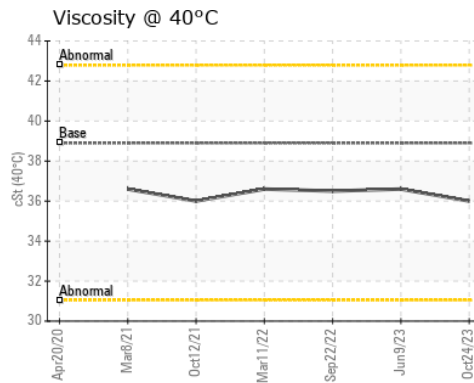
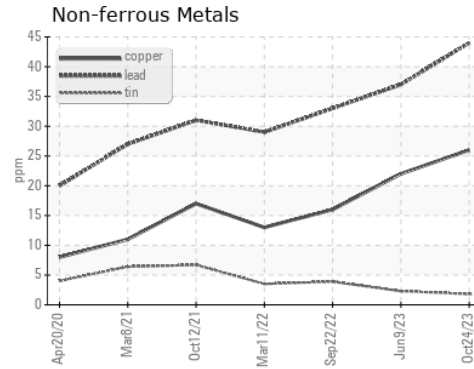
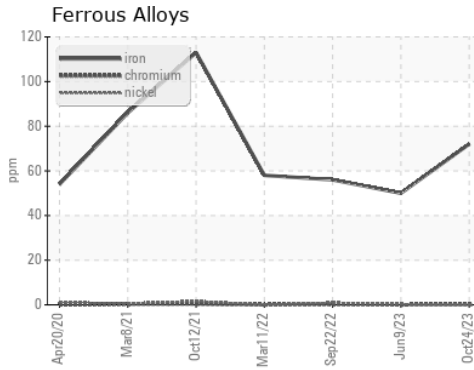


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	38.9	36.0	36.6	36.5

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. : PCA0101828
Lab Number : 06015551
Unique Number : 10754695
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)

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F: