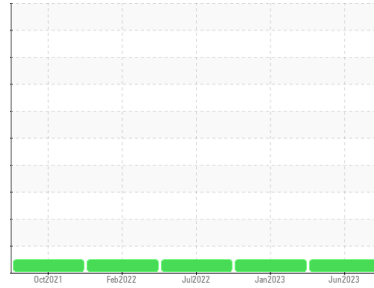


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT777
 Component
Transmission (Auto)
 Fluid
COGNIS EMGARD 2805 ATF (--- GAL)

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	history 1	history 2
Sample Number	Client Info			PCA0100017	PCA0084960	PCA0075866
Sample Date	Client Info			22 Jun 2023	31 Jan 2023	01 Jul 2022
Machine Age	mls	Client Info		124346	99328	0
Oil Age	mls	Client Info		124346	0	0
Oil Changed	Client Info			N/A	Not Changd	N/A
Sample Status				NORMAL	NORMAL	NORMAL

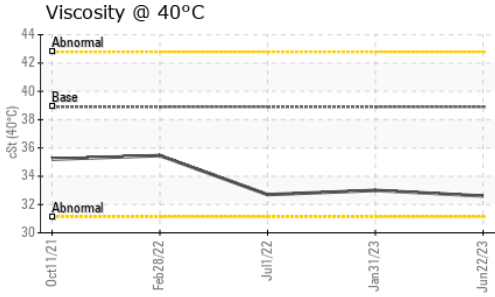
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>160	39	36	66
Chromium	ppm	ASTM D5185m	>5	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	13	9	18
Lead	ppm	ASTM D5185m	>50	13	11	29
Copper	ppm	ASTM D5185m	>225	14	9	15
Tin	ppm	ASTM D5185m	>10	3	2	4
Antimony	ppm	ASTM D5185m		---	---	---
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0

ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		67	84	84
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m		1	<1	2
Manganese	ppm	ASTM D5185m		1	<1	2
Magnesium	ppm	ASTM D5185m		6	<1	<1
Calcium	ppm	ASTM D5185m		99	103	67
Phosphorus	ppm	ASTM D5185m		214	220	276
Zinc	ppm	ASTM D5185m		0	2	5
Sulfur	ppm	ASTM D5185m		1549	1401	1326

CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>20	3	4	4
Sodium	ppm	ASTM D5185m		4	2	5
Potassium	ppm	ASTM D5185m	>20	4	2	3

VISUAL		method	limit/base	current	history 1	history 2
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

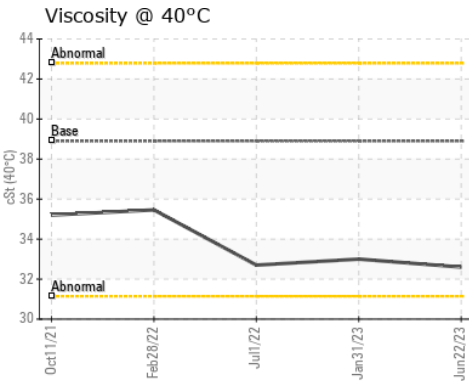
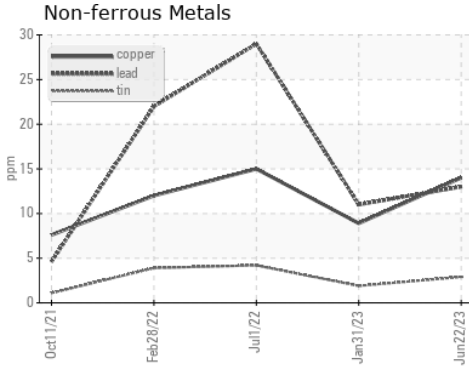
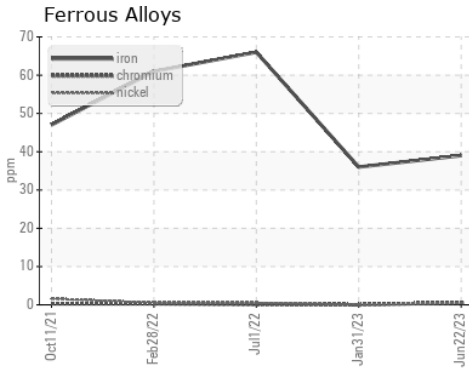
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt	ASTM D445	38.9	32.6	33.0	32.7

SAMPLE IMAGES	method	limit/base	current	history 1	history 2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0100017 **Received** : 27 Jun 2023
Lab Number : **05884766** **Diagnosed** : 30 Jun 2023
Unique Number : 10535249 **Diagnostician** : Doug Bogart
Test Package : FLEET

NW WHITE & CO - COLUMBIA DIVISION
 100 INDEPENDENCE BLVD
 COLUMBIA, SC
 US 29210
 Contact: GEORGE EDWARDS
 gedwards@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)

T:
F: