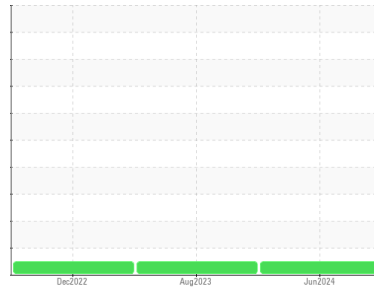


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT796
 Component
Transmission (Auto)
 Fluid
COGNIS EMGARD 2805 ATF (--- QTS)

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 oil.

Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PCA0089199	PCA0074019	PCA0080981
Sample Date	Client Info			17 Jun 2024	18 Aug 2023	21 Dec 2022
Machine Age	mls	Client Info		133409	103036	78459
Oil Age	mls	Client Info		54950	24577	78459
Oil Changed	Client Info			Not Chngd	Not Chngd	Changed
Sample Status				NORMAL	NORMAL	NORMAL

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

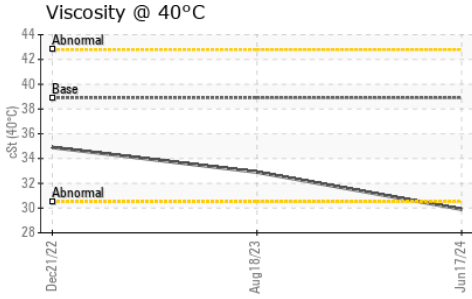
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	65	43	84
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	<1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	48	29	50
Lead	ppm	ASTM D5185m	>50	20	16	41
Copper	ppm	ASTM D5185m	>225	38	19	22
Tin	ppm	ASTM D5185m	>10	4	3	6
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		67	72	86
Barium	ppm	ASTM D5185m		<1	0	2
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		1	<1	1
Magnesium	ppm	ASTM D5185m		<1	0	<1
Calcium	ppm	ASTM D5185m		104	103	58
Phosphorus	ppm	ASTM D5185m		222	237	253
Zinc	ppm	ASTM D5185m		4	0	5
Sulfur	ppm	ASTM D5185m		1564	1522	928

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	16	6	4
Sodium	ppm	ASTM D5185m		6	3	2
Potassium	ppm	ASTM D5185m	>20	3	<1	4

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	LIGHT	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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



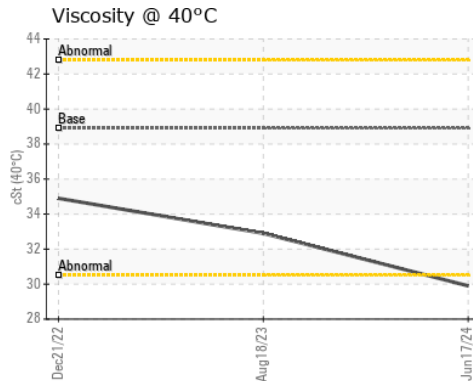
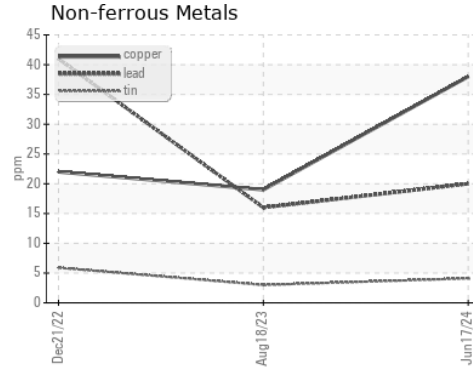
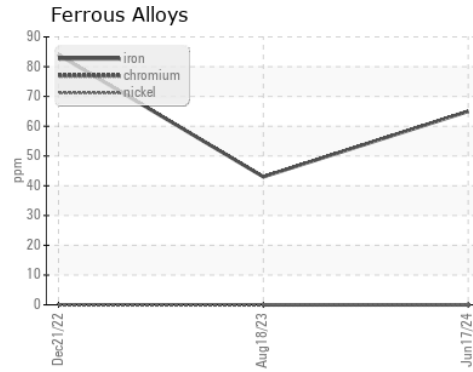
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	38.9	29.9	32.9	34.9

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color		<i>no image</i>	<i>no image</i>	<i>no image</i>
Bottom		<i>no image</i>	<i>no image</i>	<i>no image</i>

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0089199
Lab Number : **06223911**
Unique Number : 11102108
Test Package : FLEET
Received : 28 Jun 2024
Tested : 29 Jun 2024
Diagnosed : 30 Jun 2024 - Don Baldrige

NW WHITE & CO - GREER DIVISION
 1060 ROGERS BRIDGE RD
 DUNCAN, SC
 US 29334
 Contact: Matt Quinlan
 mquinlan@nwwhite.com
 T: (864)905-8506
 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)