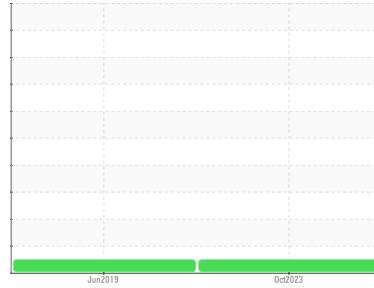


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT654
 Component
Transmission (Auto)
 Fluid
COGNIS EMGARD 2805 ATF (36 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 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		PCA0102372	PCAI-655807	---
Sample Date	Client Info		11 Oct 2023	24 Jun 2019	---
Machine Age	mls	Client Info	26550	26550	---
Oil Age	mls	Client Info	26550	26550	---
Oil Changed	Client Info		N/A	Changed	---
Sample Status			NORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	96	58	---
Chromium	ppm	ASTM D5185m >5	<1	0	---
Nickel	ppm	ASTM D5185m >5	<1	0	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m >5	0	0	---
Aluminum	ppm	ASTM D5185m >50	34	7	---
Lead	ppm	ASTM D5185m >50	22	35	---
Copper	ppm	ASTM D5185m >225	33	12	---
Tin	ppm	ASTM D5185m >10	5	1	---
Antimony	ppm	ASTM D5185m	---	0	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	120	172	---
Barium	ppm	ASTM D5185m	0	0	---
Molybdenum	ppm	ASTM D5185m	0	0	---
Manganese	ppm	ASTM D5185m	2	1	---
Magnesium	ppm	ASTM D5185m	3	0	---
Calcium	ppm	ASTM D5185m	66	125	---
Phosphorus	ppm	ASTM D5185m	332	424	---
Zinc	ppm	ASTM D5185m	0	4	---
Sulfur	ppm	ASTM D5185m	937	---	---
Lithium	ppm	ASTM D5185m	---	0	---

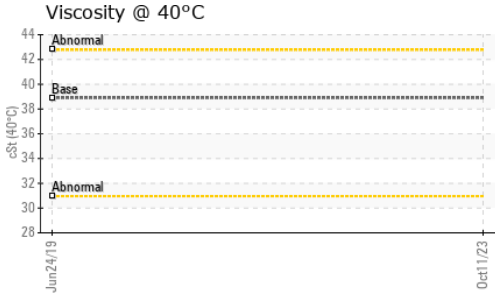
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	5	4	---
Sodium	ppm	ASTM D5185m	7	10	---
Potassium	ppm	ASTM D5185m >20	3	1	---

VISUAL

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

OIL ANALYSIS REPORT



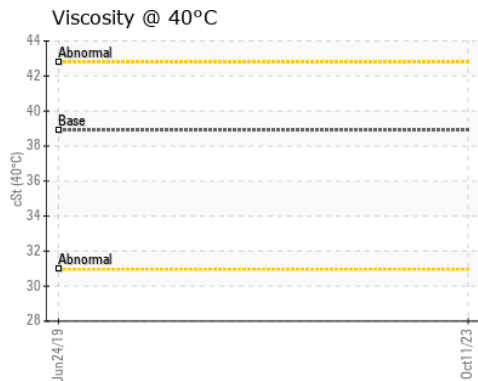
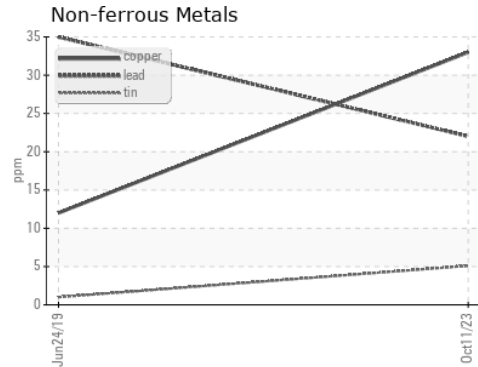
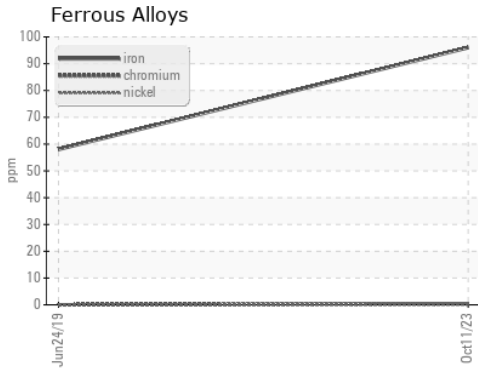
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	38.9	36.5	---	---

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0102372 **Received** : 12 Oct 2023
Lab Number : **05977872** **Diagnosed** : 16 Oct 2023
Unique Number : 10695167 **Diagnostician** : Don Baldrige
Test Package : FLEET

NW WHITE & CO - GREENWOOD DIVISION
 411 QUARRY ROAD
 GREENWOOD, SC
 US 29149
 Contact: Mitchell Brown
 greenwoodshop@nwwhite.com
 T: (864)389-9553
 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)