



WEAR	ABNORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
NWW GREENWOOD

Machine Id
DT697

Component
Transmission (Auto)

Fluid
COGNIS EMGARD 2805 ATF (36 QTS)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0102319	---	---
Sample Date		Client Info		08 May 2024	---	---
Machine Age	mls	Client Info		206449	---	---
Oil Age	mls	Client Info		0	---	---
Filter Age	mls	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---

WEAR

The aluminum level is abnormal. All other component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	155	---	---
Chromium	ppm	ASTM D5185m	>5	0	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m	>5	0	---	---
Aluminum	ppm	ASTM D5185m	>50	▲ 60	---	---
Lead	ppm	ASTM D5185m	>50	42	---	---
Copper	ppm	ASTM D5185m	>225	19	---	---
Tin	ppm	ASTM D5185m	>10	7	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

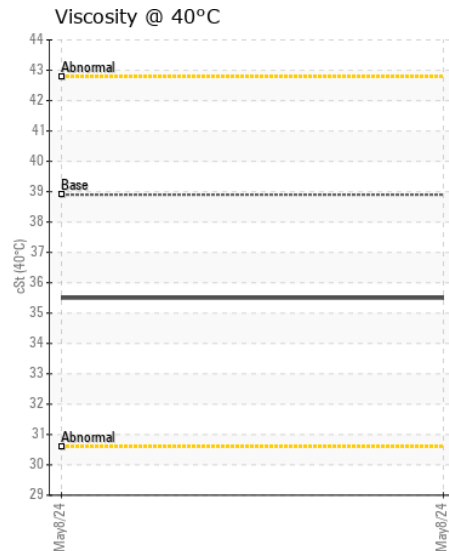
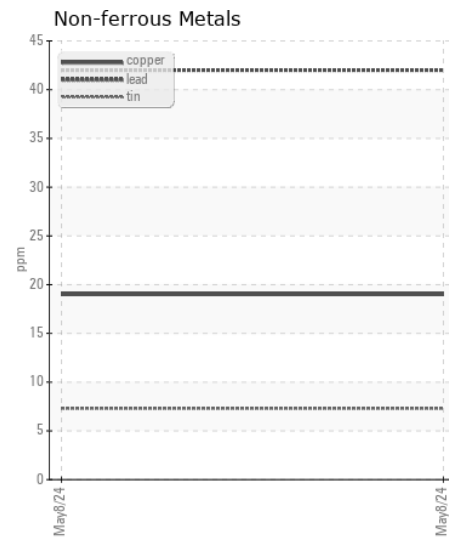
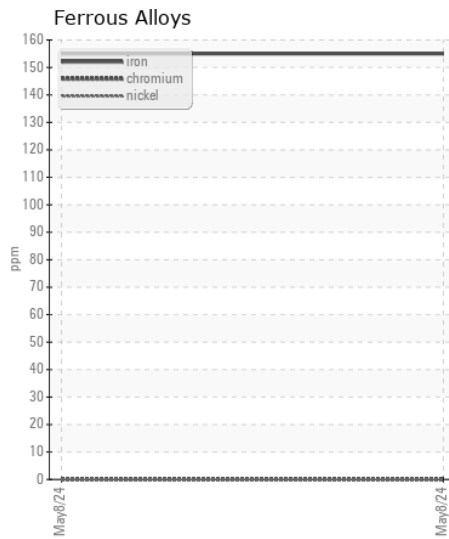
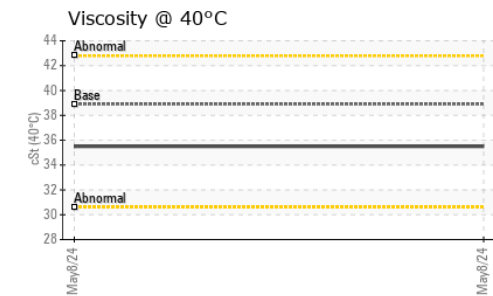
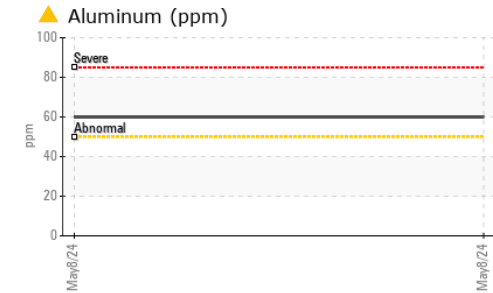
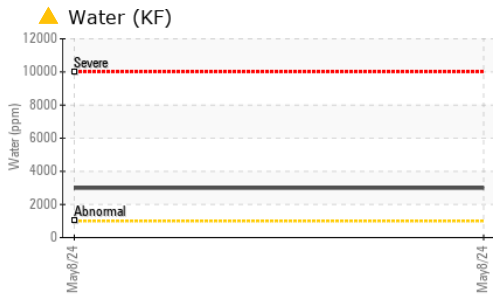
There is a light concentration of water present in the fluid.

Silicon	ppm	ASTM D5185m	>20	8	---	---
Potassium	ppm	ASTM D5185m	>20	4	---	---
Water	%	ASTM D6304	>0.1	▲ 0.299	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 2990	---	---
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	▲ 0.2%	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		9	---	---
Boron	ppm	ASTM D5185m		339	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		2	---	---
Magnesium	ppm	ASTM D5185m		<1	---	---
Calcium	ppm	ASTM D5185m		69	---	---
Phosphorus	ppm	ASTM D5185m		283	---	---
Zinc	ppm	ASTM D5185m		2	---	---
Sulfur	ppm	ASTM D5185m		1015	---	---
Visc @ 40°C	cSt	ASTM D445	38.9	35.5	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : PCA0102319

Lab Number : 06175963

Unique Number : 11022016

Test Package : FLEET (Additional Tests: KF)

Received : 10 May 2024

Tested : 14 May 2024

Diagnosed : 14 May 2024 - Sean Felton

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)