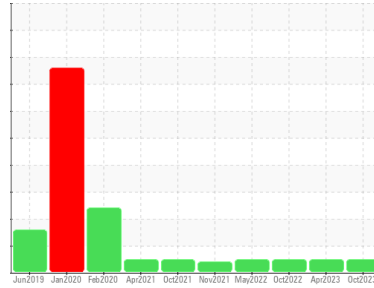


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT631
Component
Transmission (Auto)
Fluid
COGNIS EMGARD 2805 ATF (42 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	PCA0103295	PCA0091170	PCA0080959	
Sample Date	Client Info	10 Oct 2023	21 Apr 2023	17 Oct 2022	
Machine Age	mls	Client Info	257872	231859	206336
Oil Age	mls	Client Info	13	181798	182293
Oil Changed	Client Info	Not Changed	Changed	Not Changed	
Sample Status		NORMAL	NORMAL	NORMAL	

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >220	54	84	69
Chromium	ppm	ASTM D5185m >2	<1	<1	0
Nickel	ppm	ASTM D5185m >5	<1	0	0
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m >5	0	0	0
Aluminum	ppm	ASTM D5185m >75	17	44	36
Lead	ppm	ASTM D5185m >95	11	21	20
Copper	ppm	ASTM D5185m >60	42	52	40
Tin	ppm	ASTM D5185m >10	2	3	3
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	100	166	185
Barium	ppm	ASTM D5185m	2	0	0
Molybdenum	ppm	ASTM D5185m	7	3	2
Manganese	ppm	ASTM D5185m	<1	1	<1
Magnesium	ppm	ASTM D5185m	51	28	17
Calcium	ppm	ASTM D5185m	195	175	170
Phosphorus	ppm	ASTM D5185m	341	413	425
Zinc	ppm	ASTM D5185m	100	63	50
Sulfur	ppm	ASTM D5185m	3377	2832	2855

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >25	7	6	7
Sodium	ppm	ASTM D5185m	2	6	6
Potassium	ppm	ASTM D5185m >20	<1	0	0

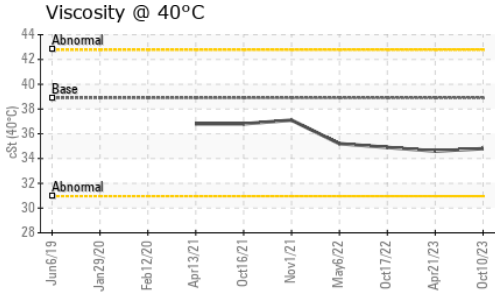
VISUAL

method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	NONE	NONE	LIGHT
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	VLITE
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

FLUID PROPERTIES

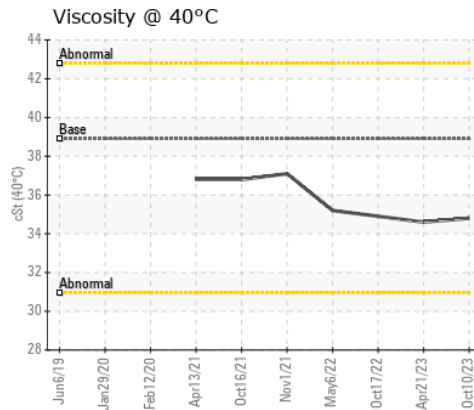
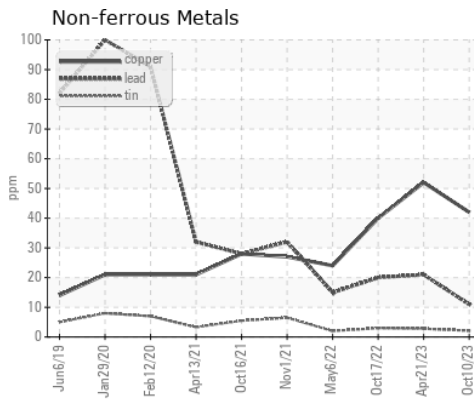
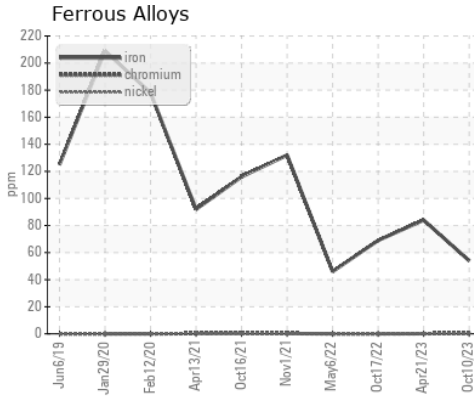
method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445 38.9	34.8	34.6	34.9

OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
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. : PCA0103295
Lab Number : 05977449
Unique Number : 10689399
Test Package : FLEET

NW WHITE & CO - ANDERSON DIVISION
 2605 RIVER RD
 PIEDMONT, SC
 US 29673
 Contact: James Threatt
 jthreatt@nwwhite.com
 T: (864)918-4646
 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)