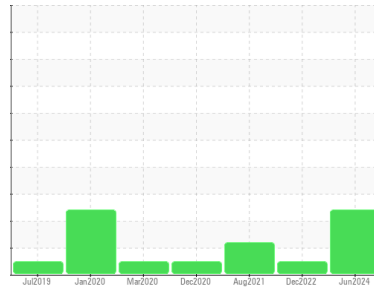


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
DT638
Component
Transmission (Auto)
Fluid
COGNIS EMGARD 2805 ATF (42 mls)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of visible silt present in the sample. Elemental level of silicon (Si) above normal.

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		PCA0120544	PCA0080469	PCA0050634
Sample Date	Client Info		24 Jun 2024	19 Dec 2022	19 Aug 2021
Machine Age	mls	Client Info	246874	200163	0
Oil Age	mls	Client Info	129838	28273	0
Oil Changed	Client Info		Changed	Not Changd	Not Changd
Sample Status			ABNORMAL	NORMAL	ABNORMAL

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

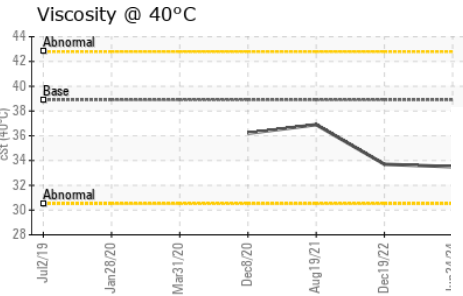
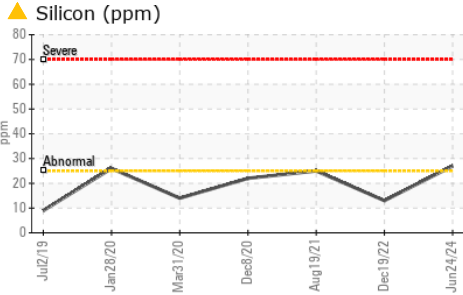
WEAR METALS	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>220	163	70	165
Chromium	ppm	ASTM D5185m	>2	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>75	21	8	24
Lead	ppm	ASTM D5185m	>95	11	4	8
Copper	ppm	ASTM D5185m	>60	25	13	16
Tin	ppm	ASTM D5185m	>10	1	<1	2
Antimony	ppm	ASTM D5185m	>2	---	---	0
Vanadium	ppm	ASTM D5185m		<1	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0

ADDITIVES	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		74	84	125
Barium	ppm	ASTM D5185m		0	1	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		2	<1	1
Magnesium	ppm	ASTM D5185m		<1	<1	<1
Calcium	ppm	ASTM D5185m		118	116	52
Phosphorus	ppm	ASTM D5185m		219	220	302
Zinc	ppm	ASTM D5185m		7	6	14
Sulfur	ppm	ASTM D5185m		1711	1435	416

CONTAMINANTS	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>25	▲ 27	13	25
Sodium	ppm	ASTM D5185m		5	0	4
Potassium	ppm	ASTM D5185m	>20	2	1	0

VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	▲ MODER	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

OIL ANALYSIS REPORT

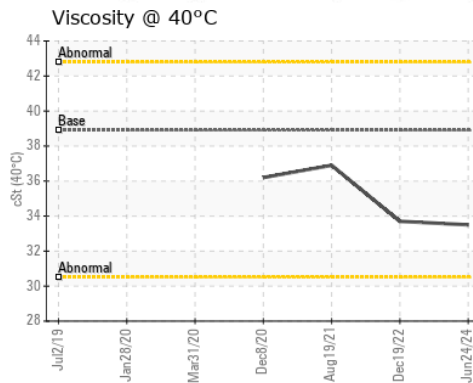
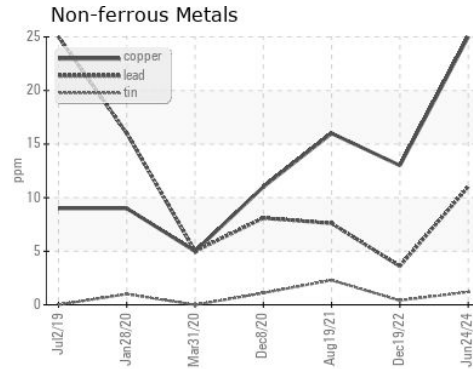
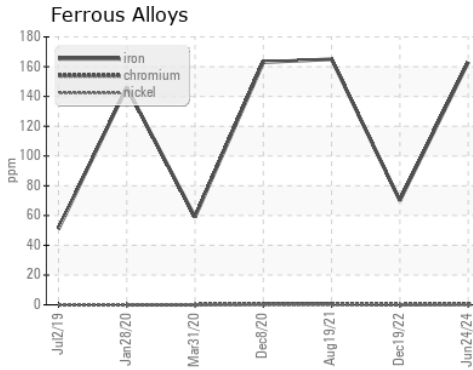


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	38.9	33.5	33.7	36.9

SAMPLE IMAGES	method	limit/base	current	history1	history2
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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. : PCA0120544
Lab Number : 06223913
Unique Number : 11102110
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

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)