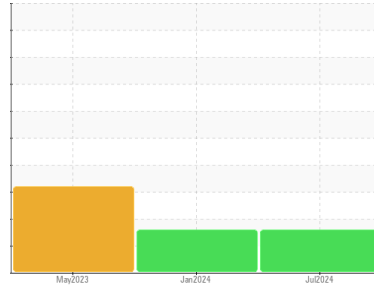




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
426138
 Component
Transmission (Auto)
 Fluid
DEXRON III (--- GAL)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition. (Customer Sample Comment: Transmission)

Wear

The iron level is abnormal. Clutch and/or bushing/bearing wear is indicated.

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	GFL0105466	GFL0105520	GFL0075342
Sample Date	Client Info	03 Jul 2024	19 Jan 2024	20 May 2023
Machine Age	mls	Client Info	277220	271072
Oil Age	mls	Client Info	277220	263966
Oil Changed	Client Info	Not Chngd	Changed	Changed
Sample Status		ABNORMAL	ABNORMAL	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 >160	▲ 223	▲ 399	▲ 367
Chromium	ppm	ASTM D5185m >5	<1	1	1
Nickel	ppm	ASTM D5185m >5	2	3	2
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m >5	<1	0	0
Aluminum	ppm	ASTM D5185m >50	23	41	▲ 51
Lead	ppm	ASTM D5185m >50	11	23	▲ 50
Copper	ppm	ASTM D5185m >225	▲ 272	▲ 352	▲ 286
Tin	ppm	ASTM D5185m >10	<1	1	3
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	38	78	148
Barium	ppm	ASTM D5185m	<1	0	0
Molybdenum	ppm	ASTM D5185m	1	1	<1
Manganese	ppm	ASTM D5185m	3	7	6
Magnesium	ppm	ASTM D5185m	3	3	5
Calcium	ppm	ASTM D5185m	418	447	366
Phosphorus	ppm	ASTM D5185m	504	447	527
Zinc	ppm	ASTM D5185m	104	169	420
Sulfur	ppm	ASTM D5185m	1366	2105	3058

CONTAMINANTS

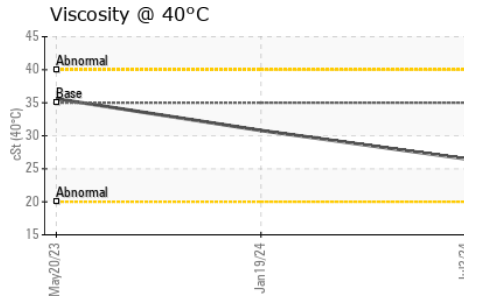
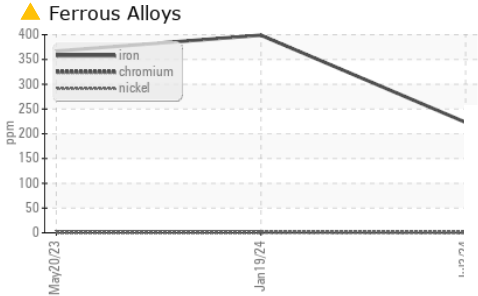
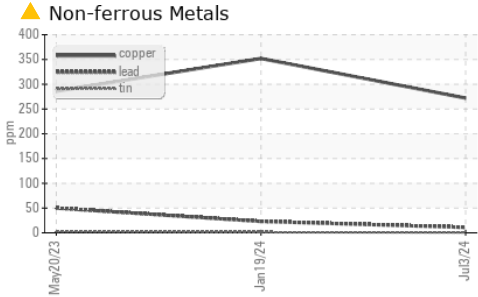
method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >20	17	21	20
Sodium	ppm	ASTM D5185m	6	4	12
Potassium	ppm	ASTM D5185m >20	3	5	4

VISUAL

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



OIL ANALYSIS REPORT

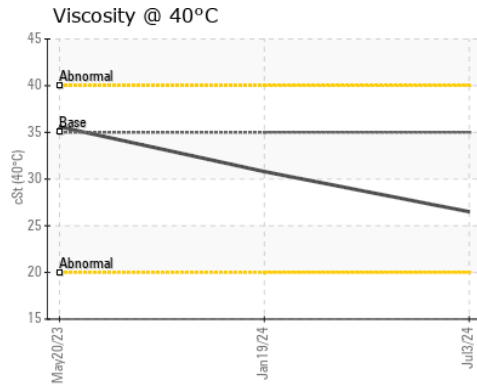
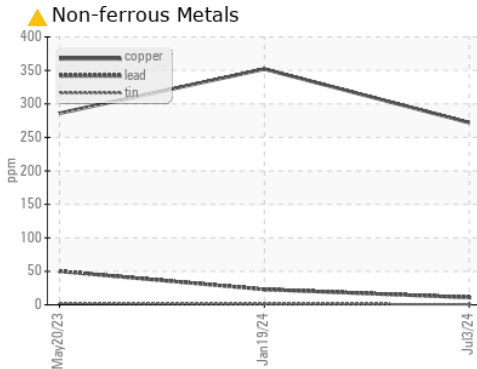
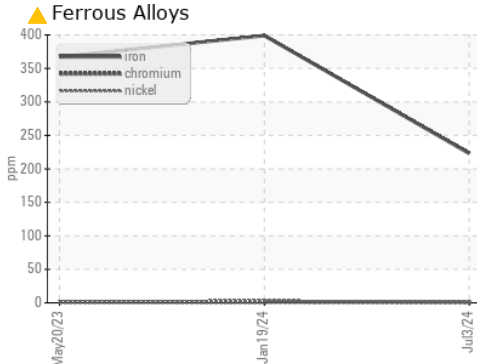


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	35.0	26.5	30.8	35.6

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. : GFL0105466
Lab Number : 06235301
Unique Number : 11124135
Test Package : FLEET

Received : 12 Jul 2024
Tested : 15 Jul 2024
Diagnosed : 15 Jul 2024 - Sean Felton

GFL Environmental - 983 - Sugar Land Hauling
 16011 West Belfort Street
 Sugar Land, TX
 US 77498
 Contact: TECHNICIAN ACCOUNT
 wcgfldemo@gmail.com

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)

T:
F: