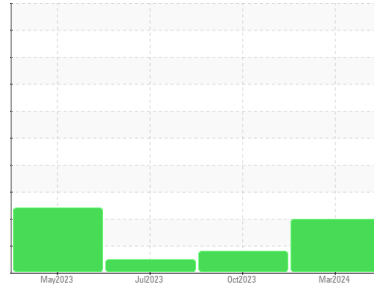




OIL ANALYSIS REPORT

Sample Rating Trend



VISUAL METAL



Machine Id
420092
Component
Transmission (Auto)
Fluid
ATF VI (--- GAL)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

Wear

Moderate concentration of visible yellow metal present. 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	GFL0112093	GFL0094081	GFL0085410	
Sample Date	Client Info	18 Mar 2024	19 Oct 2023	07 Jul 2023	
Machine Age	mls	Client Info	150271	132355	116311
Oil Age	mls	Client Info	150271	132355	116311
Oil Changed	Client Info	Changed	N/A	Changed	
Sample Status		ABNORMAL	ABNORMAL	NORMAL	

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	4	10	4
Chromium	ppm ASTM D5185m >2	0	<1	<1
Nickel	ppm ASTM D5185m >5	0	<1	0
Titanium	ppm ASTM D5185m	0	<1	0
Silver	ppm ASTM D5185m >5	0	0	0
Aluminum	ppm ASTM D5185m >75	1	1	1
Lead	ppm ASTM D5185m >95	<1	0	0
Copper	ppm ASTM D5185m >60	▲ 136	▲ 249	27
Tin	ppm ASTM D5185m >10	0	<1	0
Vanadium	ppm ASTM D5185m	0	0	0
Cadmium	ppm ASTM D5185m	0	<1	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	2	1	2
Barium	ppm ASTM D5185m	0	0	0
Molybdenum	ppm ASTM D5185m	2	2	<1
Manganese	ppm ASTM D5185m	2	2	0
Magnesium	ppm ASTM D5185m	6	16	3
Calcium	ppm ASTM D5185m	3076	2637	2528
Phosphorus	ppm ASTM D5185m	975	872	815
Zinc	ppm ASTM D5185m	1197	1034	962
Sulfur	ppm ASTM D5185m	4212	4035	4096

CONTAMINANTS

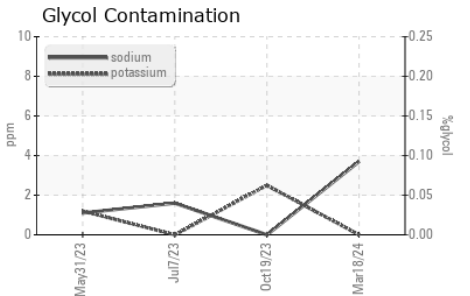
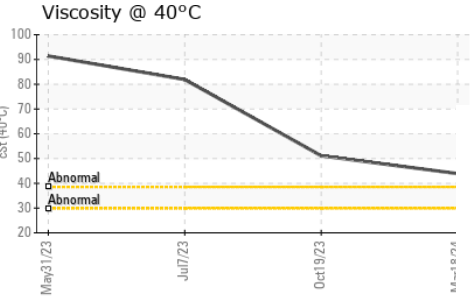
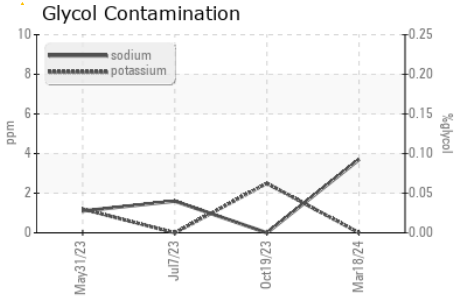
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >25	14	18	14
Sodium	ppm ASTM D5185m	4	0	2
Potassium	ppm ASTM D5185m >20	0	2	0

VISUAL

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



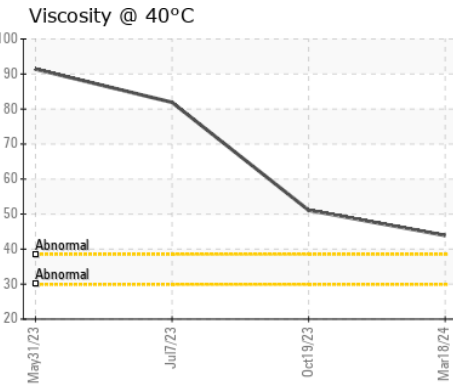
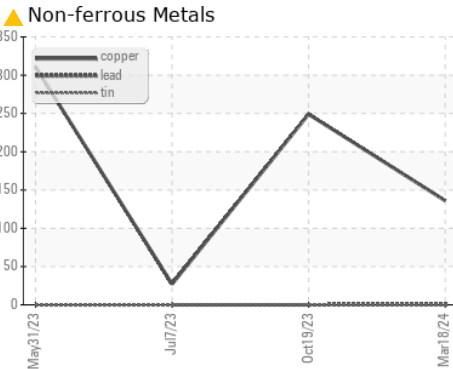
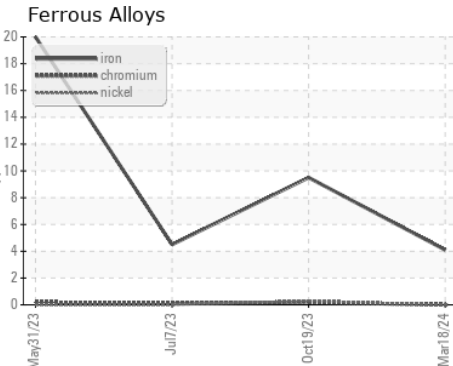
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	43.9	51.1	81.9

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. : GFL0112093
Lab Number : 06125269
Unique Number : 10939420
Test Package : FLEET (Additional Tests: Glycol)

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: