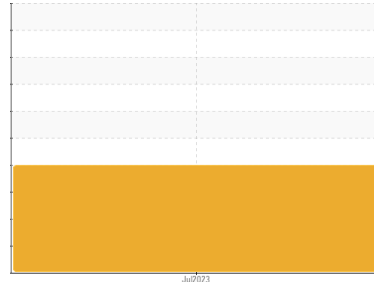




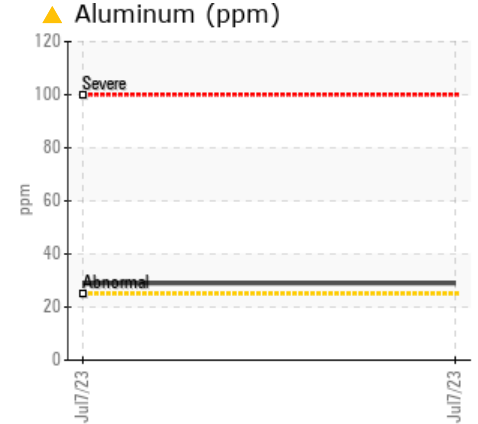
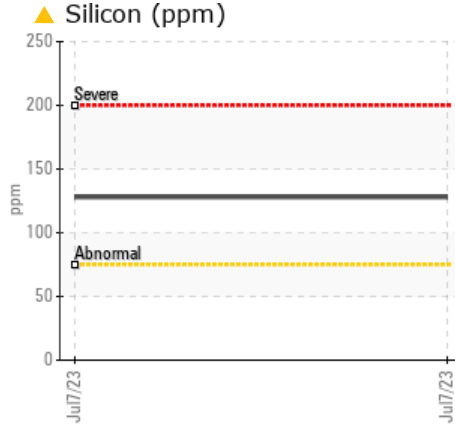
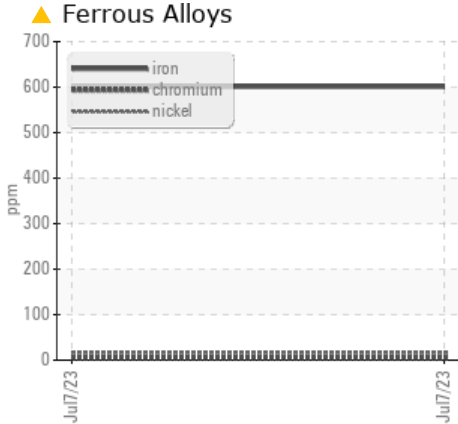
PROBLEM SUMMARY

Sample Rating Trend



Machine Id
427180
 Component
1 Differential
 Fluid
NOT GIVEN (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. (Customer Sample Comment: 1st/pusher axle)

PROBLEMATIC TEST RESULTS

Sample Status	ABNORMAL	---	---			
Iron	ppm	ASTM D5185m	>500	▲ 601	---	---
Nickel	ppm	ASTM D5185m	>10	▲ 16	---	---
Aluminum	ppm	ASTM D5185m	>25	▲ 29	---	---
Silicon	ppm	ASTM D5185m	>75	▲ 128	---	---

Customer Id: GFL983
 Sample No.: GFL0085469
 Lab Number: 05899438
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Check Dirt Access	---	---	?	We advise that you check all areas where dirt can enter the system.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
427180
 Component
1 Differential
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

▲ Recommendation

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. (Customer Sample Comment: 1st/pusher axle)

▲ Wear

Gear wear is indicated.

▲ Contamination

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Fluid Condition

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0085469	---	---
Sample Date	Client Info	07 Jul 2023	---	---
Machine Age	mls Client Info	339095	---	---
Oil Age	mls Client Info	339095	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>500	▲ 601	---	---
Chromium ppm ASTM D5185m	>10	5	---	---
Nickel ppm ASTM D5185m	>10	▲ 16	---	---
Titanium ppm ASTM D5185m		<1	---	---
Silver ppm ASTM D5185m		<1	---	---
Aluminum ppm ASTM D5185m	>25	▲ 29	---	---
Lead ppm ASTM D5185m	>25	3	---	---
Copper ppm ASTM D5185m	>100	16	---	---
Tin ppm ASTM D5185m	>10	11	---	---
Vanadium ppm ASTM D5185m		<1	---	---
Cadmium ppm ASTM D5185m		<1	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		158	---	---
Barium ppm ASTM D5185m		0	---	---
Molybdenum ppm ASTM D5185m		11	---	---
Manganese ppm ASTM D5185m		10	---	---
Magnesium ppm ASTM D5185m		9	---	---
Calcium ppm ASTM D5185m		647	---	---
Phosphorus ppm ASTM D5185m		1328	---	---
Zinc ppm ASTM D5185m		392	---	---
Sulfur ppm ASTM D5185m		22141	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>75	▲ 128	---	---
Sodium ppm ASTM D5185m		5	---	---
Potassium ppm ASTM D5185m	>20	7	---	---

VISUAL

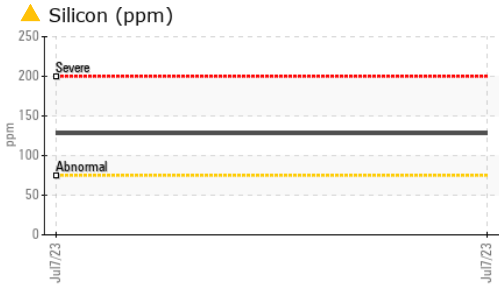
method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	NONE	---	---
Yellow Metal scalar *Visual	NONE	NONE	---	---
Precipitate scalar *Visual	NONE	NONE	---	---
Silt scalar *Visual	NONE	NONE	---	---
Debris scalar *Visual	NONE	NONE	---	---
Sand/Dirt scalar *Visual	NONE	NONE	---	---
Appearance scalar *Visual	NORML	NORML	---	---
Odor scalar *Visual	NORML	NORML	---	---
Emulsified Water scalar *Visual	>.2	NEG	---	---
Free Water scalar *Visual		NEG	---	---

FLUID PROPERTIES

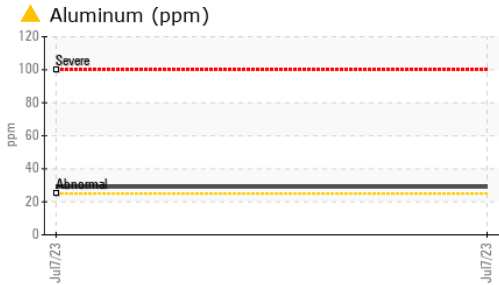
method	limit/base	current	history1	history2
Visc @ 40°C cSt ASTM D445		94.6	---	---



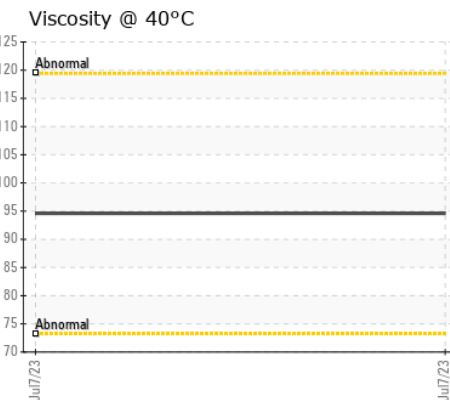
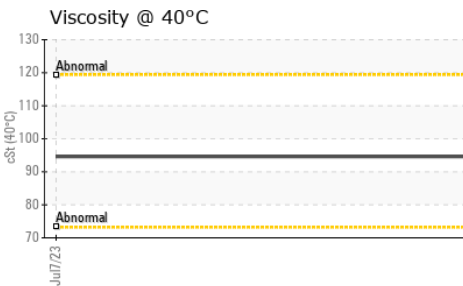
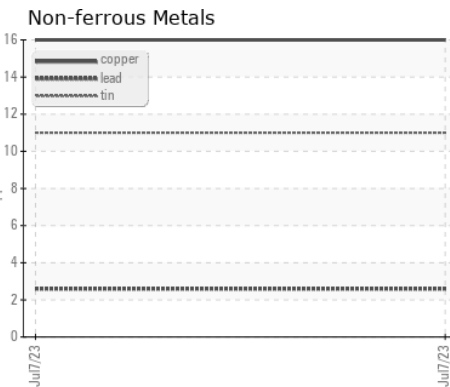
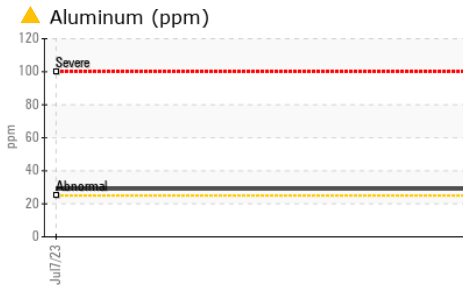
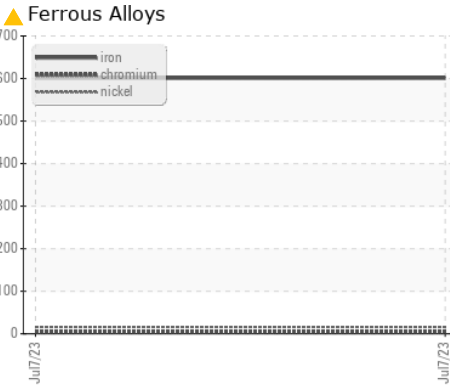
OIL ANALYSIS REPORT



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. : GFL0085469 **Received** : 14 Jul 2023
Lab Number : 05899438 **Diagnosed** : 18 Jul 2023
Unique Number : 10560794 **Diagnostician** : Don Baldrige
Test Package : FLEET

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: