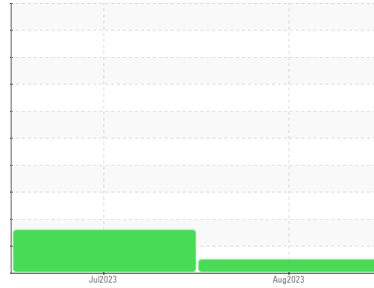




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
413059
 Component
Transmission (Auto)
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

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	GFL0085498	GFL0085495	---
Sample Date	Client Info	02 Aug 2023	13 Jul 2023	---
Machine Age	hrs Client Info	45612	42909	---
Oil Age	hrs Client Info	45612	42909	---
Oil Changed	Client Info	Changed	Changed	---
Sample Status		NORMAL	ABNORMAL	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>160	12	21	---
Chromium ppm ASTM D5185m	>5	<1	<1	---
Nickel ppm ASTM D5185m	>5	0	0	---
Titanium ppm ASTM D5185m		0	0	---
Silver ppm ASTM D5185m	>5	0	0	---
Aluminum ppm ASTM D5185m	>50	7	18	---
Lead ppm ASTM D5185m	>50	0	<1	---
Copper ppm ASTM D5185m	>225	5	4	---
Tin ppm ASTM D5185m	>10	0	<1	---
Vanadium ppm ASTM D5185m		0	0	---
Cadmium ppm ASTM D5185m		0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		59	348	---
Barium ppm ASTM D5185m		0	0	---
Molybdenum ppm ASTM D5185m		<1	<1	---
Manganese ppm ASTM D5185m		<1	1	---
Magnesium ppm ASTM D5185m		9	0	---
Calcium ppm ASTM D5185m		2483	51	---
Phosphorus ppm ASTM D5185m		956	1257	---
Zinc ppm ASTM D5185m		974	0	---
Sulfur ppm ASTM D5185m		3599	708	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>20	20	▲ 24	---
Sodium ppm ASTM D5185m		<1	2	---
Potassium ppm ASTM D5185m	>20	0	2	---

VISUAL

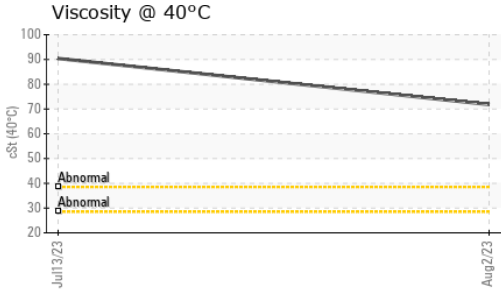
method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	NONE	NONE	---
Yellow Metal scalar *Visual	NONE	NONE	NONE	---
Precipitate scalar *Visual	NONE	NONE	NONE	---
Silt scalar *Visual	NONE	NONE	NONE	---
Debris scalar *Visual	NONE	NONE	NONE	---
Sand/Dirt scalar *Visual	NONE	NONE	NONE	---
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	---

FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C cSt ASTM D445		71.8	90.4	---

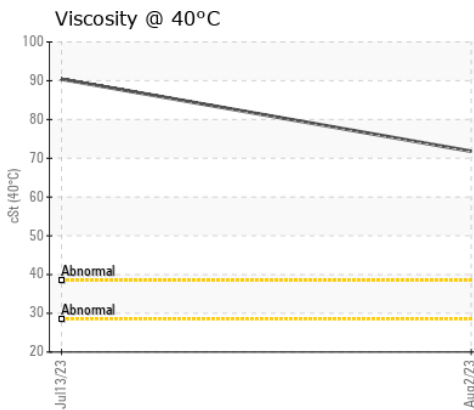
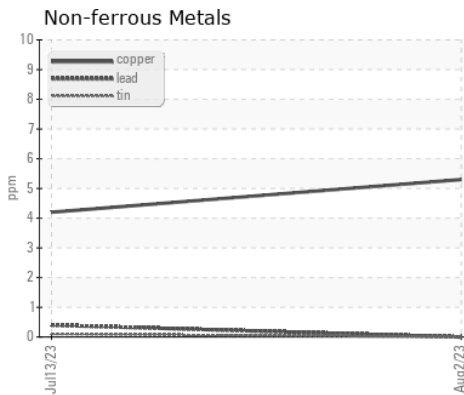
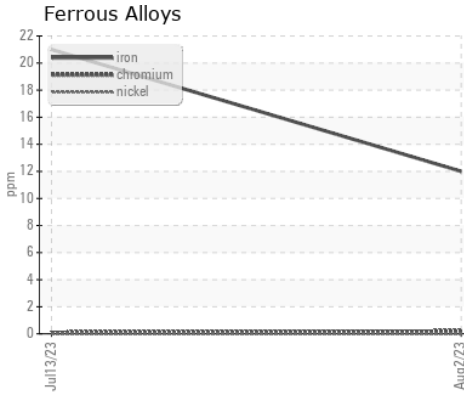


OIL ANALYSIS REPORT



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. : GFL0085498 **Received** : 08 Aug 2023
Lab Number : 05918967 **Diagnosed** : 10 Aug 2023
Unique Number : 10590881 **Diagnostician** : Jonathan Hester
Test Package : FLEET

GFL Environmental - 983 - Sugar Land Hauling
 16011 West Belfort Street
 Sugar Land, TX
 US 77498
 Contact: Gino Griego
 ggriego@gflenv.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: