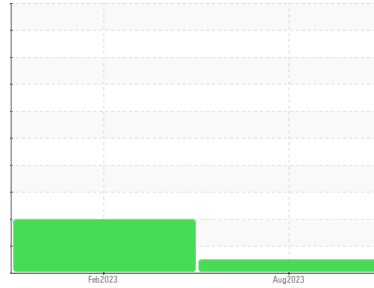




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**420095 - SW4023**  
 Component  
**Transmission (Manual)**  
 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	<b>GFL0089371</b>	GFL0065802	---
Sample Date	Client Info	<b>10 Aug 2023</b>	14 Feb 2023	---
Machine Age	mls Client Info	<b>94721</b>	74846	---
Oil Age	mls Client Info	<b>94721</b>	0	---
Oil Changed	Client Info	<b>Changed</b>	N/A	---
Sample Status		<b>NORMAL</b>	ABNORMAL	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>200	<b>1</b>	28	---
Chromium ppm ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Nickel ppm ASTM D5185m	>5	<b>0</b>	<1	---
Titanium ppm ASTM D5185m		<b>0</b>	0	---
Silver ppm ASTM D5185m	>7	<b>0</b>	0	---
Aluminum ppm ASTM D5185m	>25	<b>0</b>	2	---
Lead ppm ASTM D5185m	>45	<b>0</b>	<1	---
Copper ppm ASTM D5185m	>225	<b>0</b>	▲ 121	---
Tin ppm ASTM D5185m	>10	<b>0</b>	<1	---
Vanadium ppm ASTM D5185m		<b>0</b>	0	---
Cadmium ppm ASTM D5185m		<b>0</b>	0	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		<b>0</b>	<1	---
Barium ppm ASTM D5185m		<b>0</b>	0	---
Molybdenum ppm ASTM D5185m		<b>0</b>	1	---
Manganese ppm ASTM D5185m		<b>0</b>	5	---
Magnesium ppm ASTM D5185m		<b>6</b>	2	---
Calcium ppm ASTM D5185m		<b>2990</b>	797	---
Phosphorus ppm ASTM D5185m		<b>899</b>	586	---
Zinc ppm ASTM D5185m		<b>1238</b>	37	---
Sulfur ppm ASTM D5185m		<b>4640</b>	3982	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>125	<b>11</b>	53	---
Sodium ppm ASTM D5185m		<b>0</b>	<1	---
Potassium ppm ASTM D5185m	>20	<b>0</b>	0	---

## VISUAL

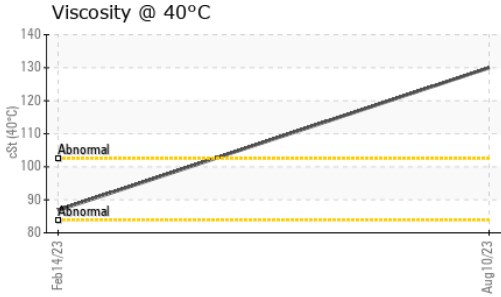
method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	<b>NONE</b>	▲ MODER	---
Yellow Metal scalar *Visual	NONE	<b>NONE</b>	NONE	---
Precipitate scalar *Visual	NONE	<b>NONE</b>	NONE	---
Silt scalar *Visual	NONE	<b>NONE</b>	NONE	---
Debris scalar *Visual	NONE	<b>NONE</b>	NONE	---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

## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C cSt ASTM D445		<b>130</b>	86.8	---

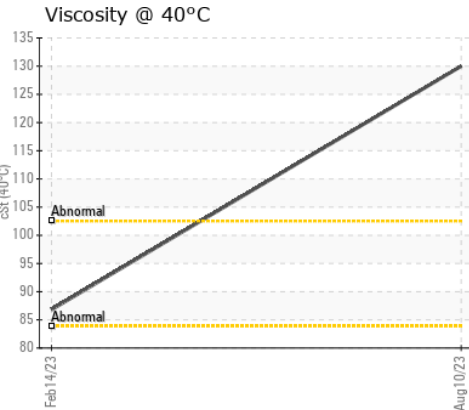
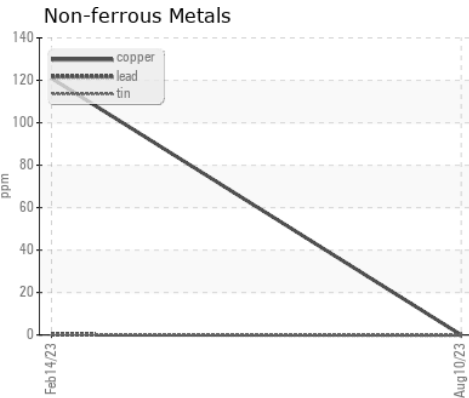
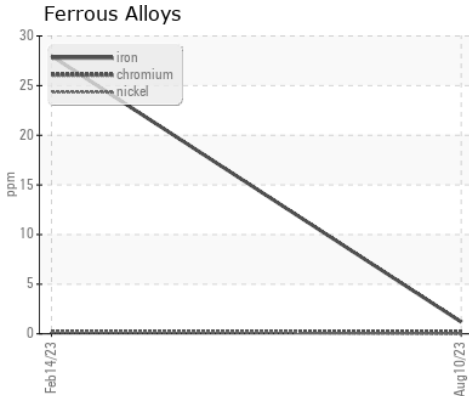


# OIL ANALYSIS REPORT



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.** : GFL0089371  
**Lab Number** : 05925174  
**Unique Number** : 10605121  
**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: