



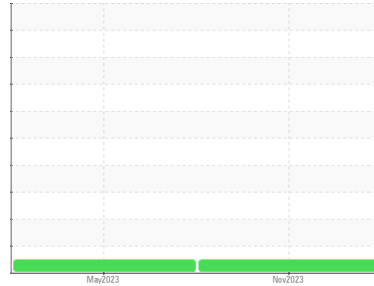
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**413068**  
 Component  
**Transmission (Manual)**  
 Fluid  
**Transmission Oil (--- 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>GFL0094090</b>	GFL0075396	---
Sample Date	Client Info	<b>08 Nov 2023</b>	16 May 2023	---
Machine Age	mls Client Info	<b>48261</b>	23358	---
Oil Age	mls Client Info	<b>0</b>	0	---
Oil Changed	Client Info	<b>Changed</b>	Changed	---
Sample Status		<b>NORMAL</b>	NORMAL	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >200	<b>17</b>	47	---
Chromium ppm	ASTM D5185m >5	<b>0</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>2</b>	<1	---
Lead ppm	ASTM D5185m >45	<b>&lt;1</b>	0	---
Copper ppm	ASTM D5185m >225	<b>64</b>	50	---
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>3</b>	0	---
Barium ppm	ASTM D5185m	<b>0</b>	0	---
Molybdenum ppm	ASTM D5185m	<b>0</b>	1	---
Manganese ppm	ASTM D5185m	<b>3</b>	31	---
Magnesium ppm	ASTM D5185m	<b>6</b>	2	---
Calcium ppm	ASTM D5185m	<b>2618</b>	904	---
Phosphorus ppm	ASTM D5185m	<b>844</b>	696	---
Zinc ppm	ASTM D5185m	<b>955</b>	4	---
Sulfur ppm	ASTM D5185m	<b>3784</b>	5928	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >125	<b>18</b>	34	---
Sodium ppm	ASTM D5185m	<b>2</b>	3	---
Potassium ppm	ASTM D5185m >20	<b>0</b>	2	---

## VISUAL

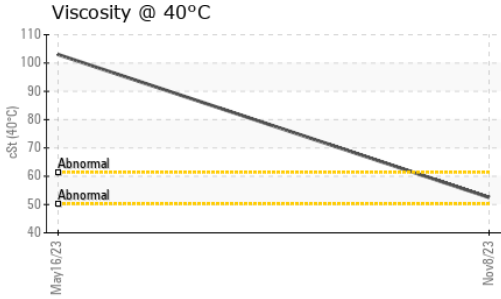
method	limit/base	current	history1	history2
White Metal scalar	*Visual NONE	<b>NONE</b>	NONE	---
Yellow Metal scalar	*Visual NONE	<b>NONE</b>	NONE	---
Precipitate scalar	*Visual NONE	<b>NONE</b>	NONE	---
Silt scalar	*Visual NONE	<b>NONE</b>	NONE	---
Debris scalar	*Visual NONE	<b>NONE</b>	NONE	---
Sand/Dirt 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>52.5</b>	103	---

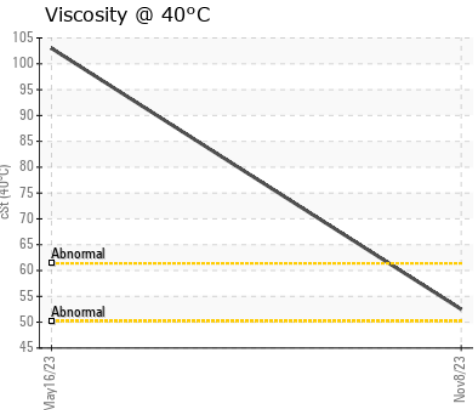
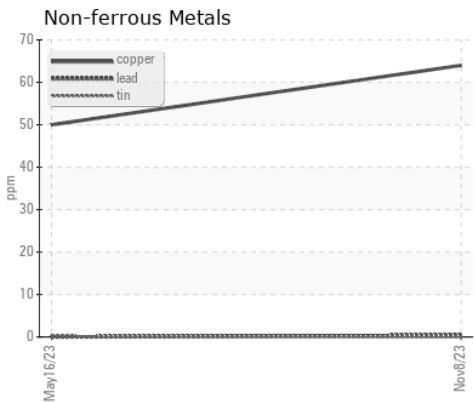
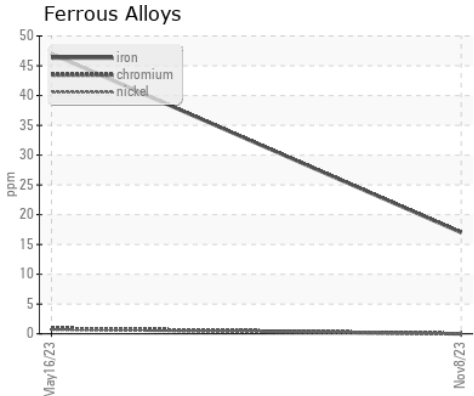


# OIL ANALYSIS REPORT



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.** : GFL0094090 **Received** : 14 Nov 2023  
**Lab Number** : **06007309** **Diagnosed** : 16 Nov 2023  
**Unique Number** : 10741071 **Diagnostician** : Sean Felton  
**Test Package** : FLEET

**GFL Environmental - 983 - Sugar Land Hauling**  
 16011 West Belfort Street  
 Sugar Land, TX  
 US 77498  
 Contact: Gino Griego  
 ggriego@gflenv.com  
 T: (720)999-0726  
 F:

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)