



# OIL ANALYSIS REPORT

Sample Rating Trend

**WEAR**



Machine Id  
**526102**

Component  
**Transmission (Manual)**  
Fluid  
**{not provided} (--- GAL)**



## DIAGNOSIS

- Recommendation**  
No corrective action is recommended at this time. Resample at the next service interval to monitor.
- Wear**  
The iron level is abnormal. All other 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>GFL0105502</b>	---	---
Sample Date	Client Info	<b>06 Jan 2024</b>	---	---
Machine Age	mls Client Info	<b>372304</b>	---	---
Oil Age	mls Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >200	<b>▲ 208</b>	---	---
Chromium	ppm ASTM D5185m >5	<b>1</b>	---	---
Nickel	ppm ASTM D5185m >5	<b>&lt;1</b>	---	---
Titanium	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Silver	ppm ASTM D5185m >7	<b>0</b>	---	---
Aluminum	ppm ASTM D5185m >25	<b>9</b>	---	---
Lead	ppm ASTM D5185m >45	<b>0</b>	---	---
Copper	ppm ASTM D5185m >225	<b>14</b>	---	---
Tin	ppm ASTM D5185m >10	<b>0</b>	---	---
Vanadium	ppm ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	<b>119</b>	---	---
Barium	ppm ASTM D5185m	<b>1414</b>	---	---
Molybdenum	ppm ASTM D5185m	<b>0</b>	---	---
Manganese	ppm ASTM D5185m	<b>24</b>	---	---
Magnesium	ppm ASTM D5185m	<b>35</b>	---	---
Calcium	ppm ASTM D5185m	<b>62</b>	---	---
Phosphorus	ppm ASTM D5185m	<b>1261</b>	---	---
Zinc	ppm ASTM D5185m	<b>266</b>	---	---
Sulfur	ppm ASTM D5185m	<b>15122</b>	---	---

## CONTAMINANTS

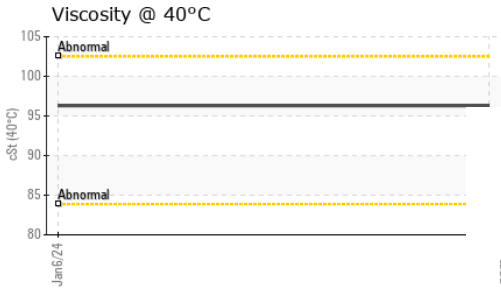
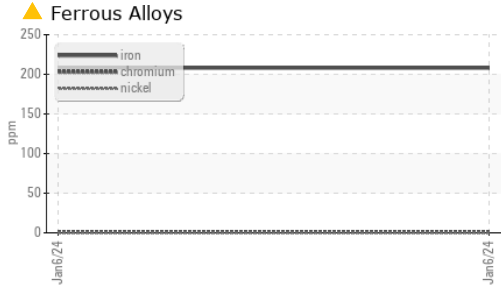
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >125	<b>52</b>	---	---
Sodium	ppm ASTM D5185m	<b>5</b>	---	---
Potassium	ppm ASTM D5185m >20	<b>5</b>	---	---

## VISUAL

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



# OIL ANALYSIS REPORT



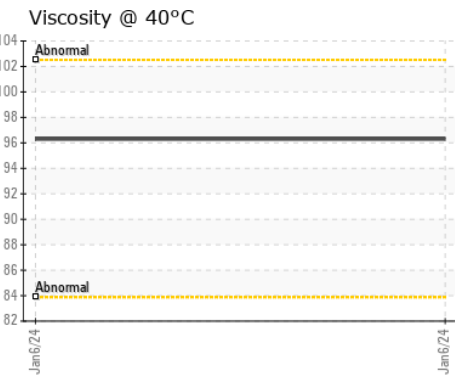
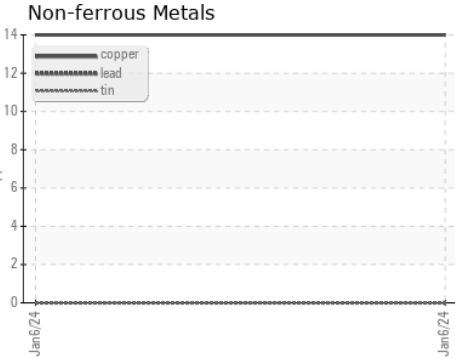
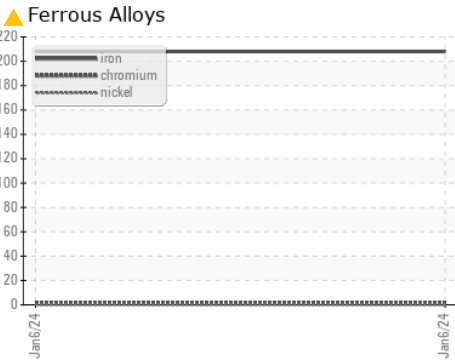
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	96.3	---	---

### 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.** : GFL0105502      **Received** : 11 Jan 2024  
**Lab Number** : 06058508      **Diagnosed** : 14 Jan 2024  
**Unique Number** : 10829890      **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: