



## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Inspect Wear Source	---	---	?	We advise that you inspect for the source(s) of wear.
Change Fluid	---	---	?	Oil and filter change at the time of sampling has been noted.
Change Filter	---	---	?	Oil and filter change at the time of sampling has been noted.

## HISTORICAL DIAGNOSIS



# OIL ANALYSIS REPORT

Sample Rating Trend



VISUAL METAL



Machine Id  
**10453**  
 Component  
**Transmission (Auto)**  
 Fluid  
**DEXRON III (--- GAL)**

## DIAGNOSIS

### Recommendation

Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor.

### Wear

Moderate concentration of visible metal present. 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>GFL0088768</b>	---	---
Sample Date	Client Info	<b>07 Aug 2023</b>	---	---
Machine Age	hrs	Client Info	<b>26180</b>	---
Oil Age	hrs	Client Info	<b>1346</b>	---
Oil Changed	Client Info	<b>Changed</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	<b>132</b>	---
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	---
Nickel	ppm	ASTM D5185m >5	<b>&lt;1</b>	---
Titanium	ppm	ASTM D5185m	<b>0</b>	---
Silver	ppm	ASTM D5185m >5	<b>0</b>	---
Aluminum	ppm	ASTM D5185m >50	<b>21</b>	---
Lead	ppm	ASTM D5185m >50	<b>24</b>	---
Copper	ppm	ASTM D5185m >225	<b>21</b>	---
Tin	ppm	ASTM D5185m >10	<b>2</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>111</b>	---
Barium	ppm	ASTM D5185m	<b>1</b>	---
Molybdenum	ppm	ASTM D5185m	<b>&lt;1</b>	---
Manganese	ppm	ASTM D5185m	<b>1</b>	---
Magnesium	ppm	ASTM D5185m	<b>2</b>	---
Calcium	ppm	ASTM D5185m	<b>103</b>	---
Phosphorus	ppm	ASTM D5185m	<b>275</b>	---
Zinc	ppm	ASTM D5185m	<b>11</b>	---
Sulfur	ppm	ASTM D5185m	<b>1678</b>	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>8</b>	---
Sodium	ppm	ASTM D5185m	<b>6</b>	---
Potassium	ppm	ASTM D5185m >20	<b>2</b>	---

## VISUAL

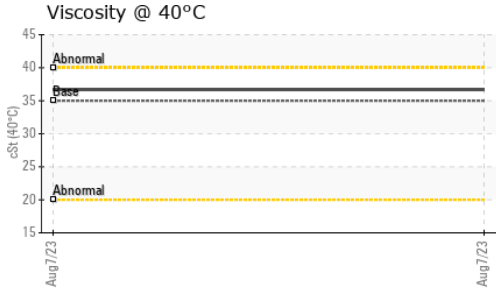
method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>▲ MODER</b>	---
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	---
Precipitate	scalar	*Visual NONE	<b>NONE</b>	---
Silt	scalar	*Visual NONE	<b>NONE</b>	---
Debris	scalar	*Visual NONE	<b>NONE</b>	---
Sand/Dirt	scalar	*Visual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

## FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 35.0	<b>36.7</b>	---

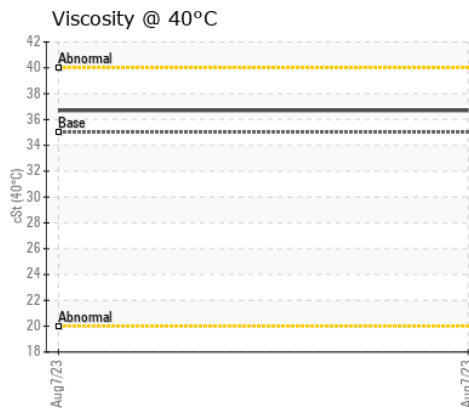
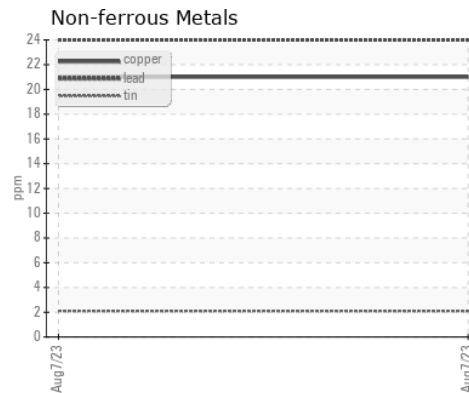
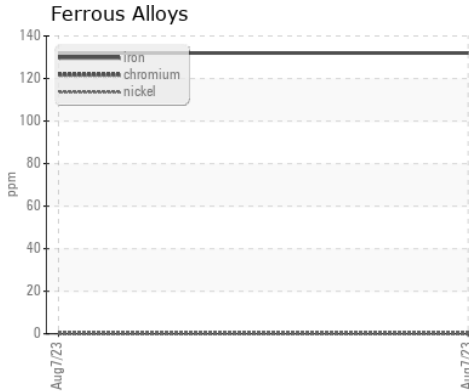


# OIL ANALYSIS REPORT



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.** : GFL0088768 **Received** : 11 Aug 2023  
**Lab Number** : 05922567 **Diagnosed** : 14 Aug 2023  
**Unique Number** : 10602514 **Diagnostician** : Don Baldrige  
**Test Package** : FLEET

**GFL Environmental - 010 - Stockbridge**  
 1280 Rum Creek Parkway  
 Stockbridge, GA  
 US 30281  
 Contact: JOSHUA TINKER  
 joshuatinker@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: