



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**420094**  
Component  
**2 Differential**  
Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. ( Customer Sample Comment: 2nd Axle / Tag )

**WEAR**

All component wear rates are normal.

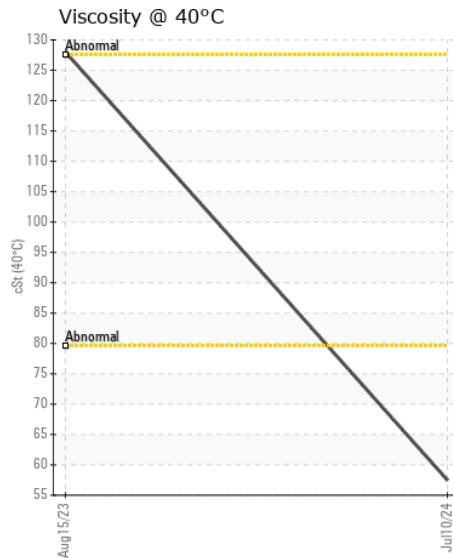
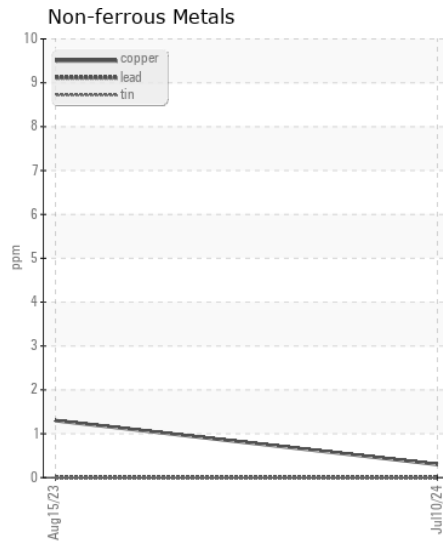
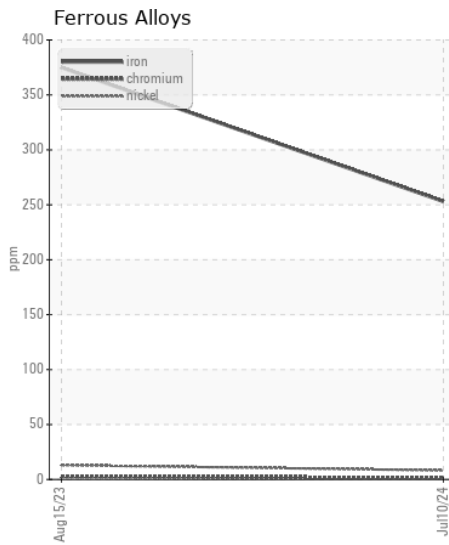
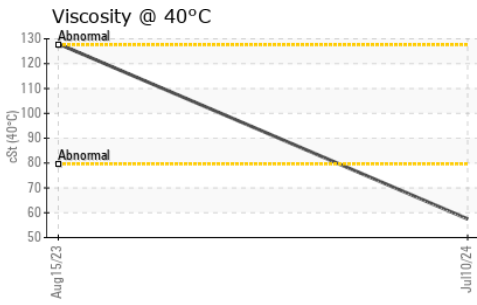
**CONTAMINATION**

There is no indication of any contamination in the oil.

**FLUID CONDITION**

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0128760</b>	GFL0089398	---
Sample Date		Client Info		<b>10 Jul 2024</b>	15 Aug 2023	---
Machine Age	mls	Client Info		<b>134054</b>	109690	---
Oil Age	mls	Client Info		<b>134054</b>	109690	---
Filter Age	mls	Client Info		<b>134054</b>	0	---
Oil Changed		Client Info		<b>Not Chngd</b>	Changed	---
Filter Changed		Client Info		<b>Not Chngd</b>	None	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---
Iron	ppm	ASTM D5185m	>1200	<b>253</b>	375	---
Chromium	ppm	ASTM D5185m	>8	<b>1</b>	3	---
Nickel	ppm	ASTM D5185m	>20	<b>8</b>	13	---
Titanium	ppm	ASTM D5185m	>4	<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>30	<b>5</b>	17	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	1	---
Tin	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>230	<b>70</b>	▲ 339	---
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	2	---
Water		WC Method	>.2	<b>NEG</b>	NEG	---
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	>.2	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185m		<b>1</b>	4	---
Boron	ppm	ASTM D5185m		<b>30</b>	126	---
Barium	ppm	ASTM D5185m		<b>0</b>	1	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>3</b>	6	---
Magnesium	ppm	ASTM D5185m		<b>1</b>	5	---
Calcium	ppm	ASTM D5185m		<b>21</b>	65	---
Phosphorus	ppm	ASTM D5185m		<b>591</b>	970	---
Zinc	ppm	ASTM D5185m		<b>12</b>	29	---
Sulfur	ppm	ASTM D5185m		<b>20163</b>	22036	---
Visc @ 40°C	cSt	ASTM D445		<b>57.5</b>	128	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : GFL0128760  
**Lab Number** : 06238247  
**Unique Number** : 11127081  
**Test Package** : FLEET

**Received** : 16 Jul 2024  
**Tested** : 17 Jul 2024  
**Diagnosed** : 18 Jul 2024 - Sean Felton

**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: