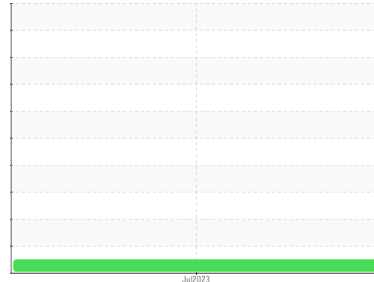




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**WL0415**

Component  
**Front Right Wheel Hub**

Fluid  
**GEAR OIL SAE 80W90 (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

### 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.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0088319</b>	---	---
Sample Date	Client Info		<b>12 Jul 2023</b>	---	---
Machine Age	kms	Client Info	<b>5138</b>	---	---
Oil Age	kms	Client Info	<b>1000</b>	---	---
Oil Changed	Client Info		<b>Changed</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	<b>399</b>	---
Chromium	ppm	ASTM D5185(m)	>8	<b>3</b>	---
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	---
Titanium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---
Aluminum	ppm	ASTM D5185(m)	>5	<b>1</b>	---
Lead	ppm	ASTM D5185(m)	>5	<b>0</b>	---
Copper	ppm	ASTM D5185(m)	>50	<b>2</b>	---
Tin	ppm	ASTM D5185(m)		<b>0</b>	---
Antimony	ppm	ASTM D5185(m)	>5	<b>0</b>	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	400	<b>51</b>	---
Barium	ppm	ASTM D5185(m)	200	<b>2</b>	---
Molybdenum	ppm	ASTM D5185(m)	12	<b>0</b>	---
Manganese	ppm	ASTM D5185(m)		<b>4</b>	---
Magnesium	ppm	ASTM D5185(m)	12	<b>&lt;1</b>	---
Calcium	ppm	ASTM D5185(m)	150	<b>60</b>	---
Phosphorus	ppm	ASTM D5185(m)	1650	<b>1211</b>	---
Zinc	ppm	ASTM D5185(m)	125	<b>54</b>	---
Sulfur	ppm	ASTM D5185(m)	22500	<b>26625</b>	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---

## CONTAMINANTS

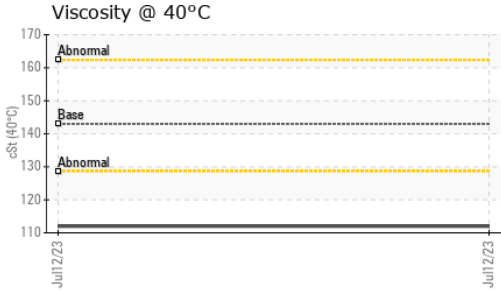
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	<b>13</b>	---
Sodium	ppm	ASTM D5185(m)	>170	<b>2</b>	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	---

## VISUAL

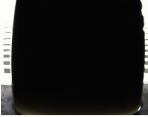

	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---
Silt	scalar	Visual*	NONE	<b>VLITE</b>	---
Debris	scalar	Visual*	NONE	<b>VLITE</b>	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	---
Free Water	scalar	Visual*		<b>NEG</b>	---



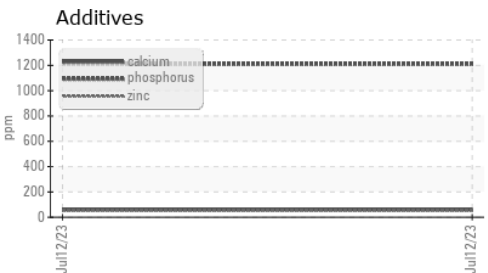
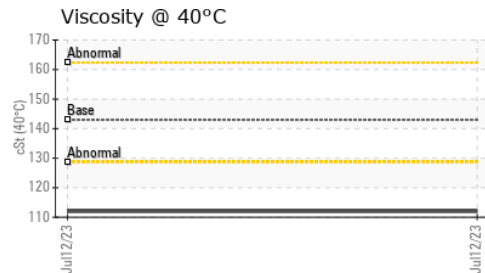
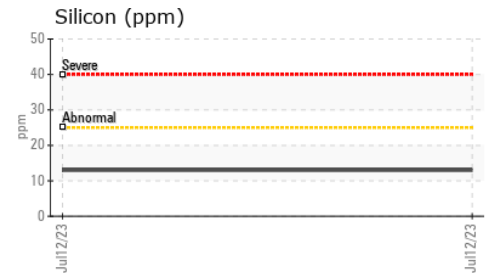
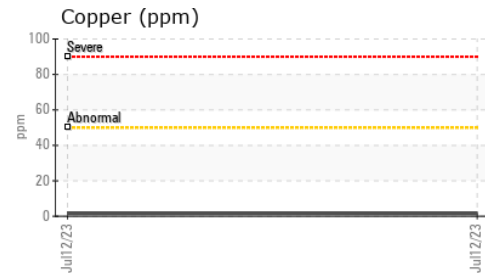
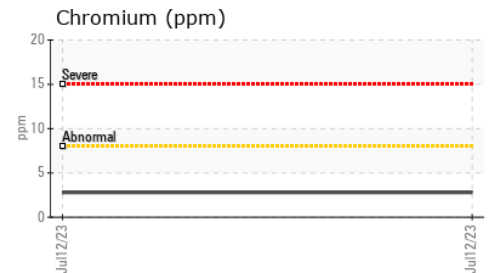
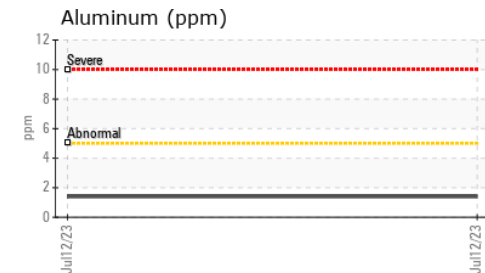
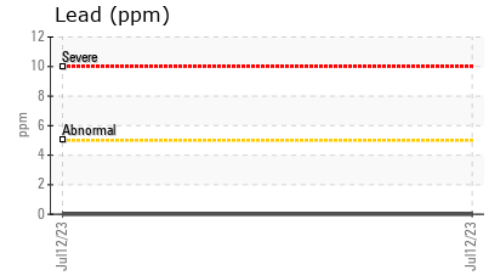
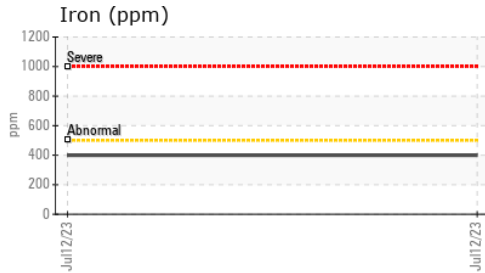
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	<b>112</b>	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0088319     **Received** : 14 Aug 2023  
**Lab Number** : 02575762     **Diagnosed** : 14 Aug 2023  
**Unique Number** : 5620813     **Diagnostician** : Wes Davis  
**Test Package** : MOB 1

**GFL Environmental - Boylston**  
 151 Waste Management Road Hiwy 16  
 Boylston, NS  
 CA B0H 1G0  
 Contact: Bruce Avery  
 bruce.avery@gflenv.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.

T:  
F: