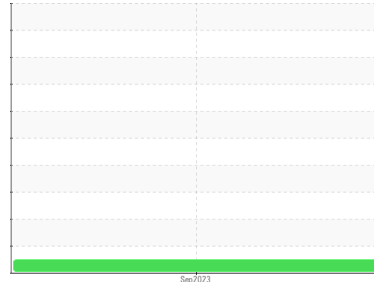




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**901101**  
 Component  
**Natural Gas Engine**  
 Fluid  
**NOT GIVEN (--- 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 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>GFL0084092</b>	---	---
Sample Date	Client Info			<b>20 Sep 2023</b>	---	---
Machine Age	hrs	Client Info		<b>2610</b>	---	---
Oil Age	hrs	Client Info		<b>600</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)	>50	<b>8</b>	---	---
Chromium	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>9	<b>2</b>	---	---
Lead	ppm	ASTM D5185(m)	>30	<b>11</b>	---	---
Copper	ppm	ASTM D5185(m)	>35	<b>1</b>	---	---
Tin	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	---	---
Antimony	ppm	ASTM D5185(m)		<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)		<b>9</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>51</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>591</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>1662</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>723</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>930</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>2005</b>	---	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>+100	<b>10</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>11</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	---	---

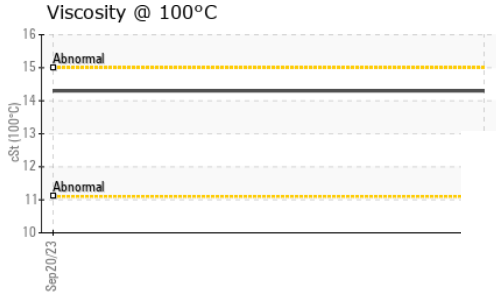
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>12.6</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>27.2</b>	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>24.6</b>	---	---

VISUAL		method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	---	---
Free Water	scalar	Visual*		<b>NEG</b>	---	---

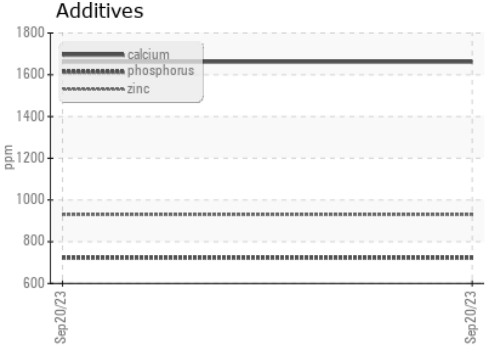
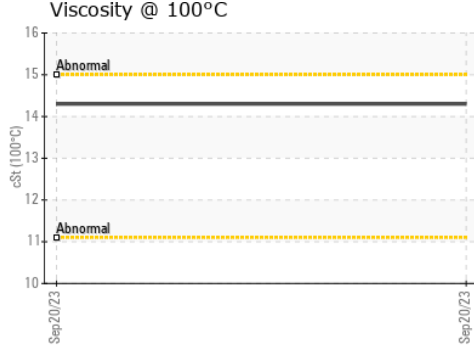
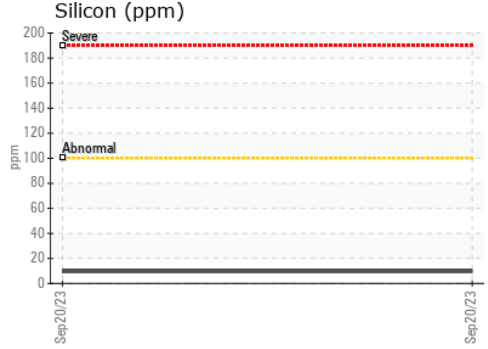
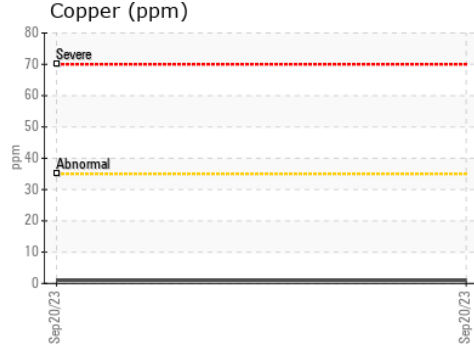
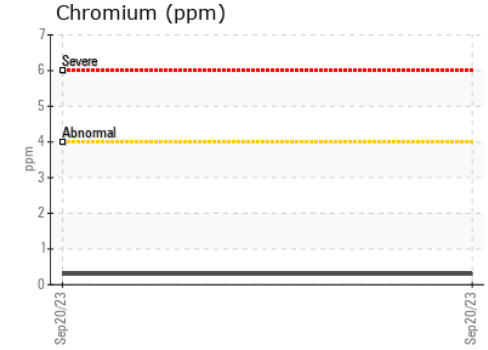
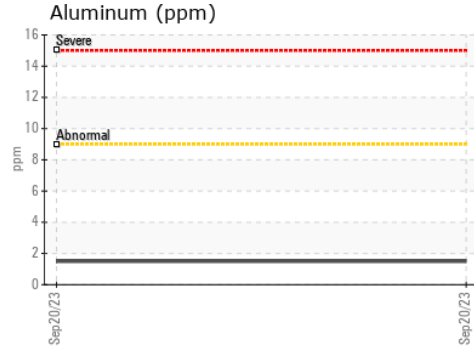
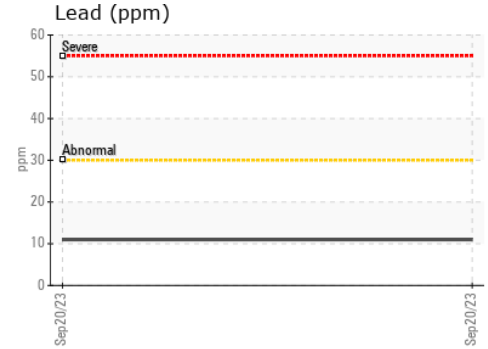
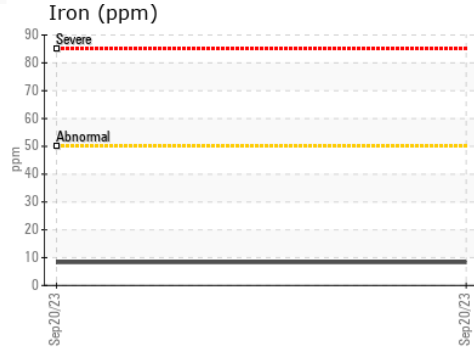


# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)		14.3	---	---

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 574 - Vancouver Fleet  
**Sample No.** : GFL0084092 **Received** : 24 Oct 2023  
**Lab Number** : 02591280 **Diagnosed** : 24 Oct 2023  
**Unique Number** : 5668359 **Diagnostician** : Wes Davis  
**Test Package** : MOB 1

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.

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 gewasiuk@gflenv.com  
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