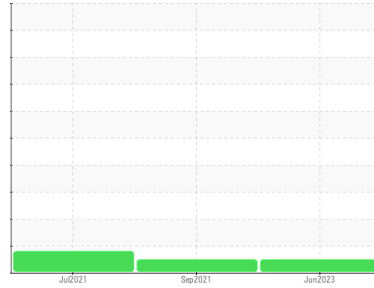




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**901111**  
 Component  
**Transmission (Auto)**  
 Fluid  
**ALLISON TES 295 (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

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>GFL0057424</b>	GFL0035670	GFL0020730
Sample Date	Client Info		<b>14 Jun 2023</b>	13 Sep 2021	05 Jul 2021
Machine Age	kms	Client Info	<b>4407</b>	0	163867
Oil Age	kms	Client Info	<b>600</b>	0	3000
Oil Changed	Client Info		<b>Changed</b>	Not Changd	N/A
Sample Status			<b>NORMAL</b>	NORMAL	ABNORMAL

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	<b>48</b>	79	▲ 200
Chromium	ppm	ASTM D5185(m) >5	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m) >5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)	<b>0</b>	2	0
Silver	ppm	ASTM D5185(m) >5	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m) >50	<b>10</b>	17	39
Lead	ppm	ASTM D5185(m) >50	<b>2</b>	8	24
Copper	ppm	ASTM D5185(m) >225	<b>10</b>	11	25
Tin	ppm	ASTM D5185(m) >10	<b>1</b>	2	5
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 150	<b>64</b>	93	95
Barium	ppm	ASTM D5185(m) 0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m) 0	<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	2
Magnesium	ppm	ASTM D5185(m) 0	<b>1</b>	<1	<1
Calcium	ppm	ASTM D5185(m) 40	<b>116</b>	95	35
Phosphorus	ppm	ASTM D5185(m) 320	<b>226</b>	271	293
Zinc	ppm	ASTM D5185(m) 5	<b>7</b>	8	10
Sulfur	ppm	ASTM D5185(m) 1050	<b>1433</b>	1136	520
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1

## CONTAMINANTS

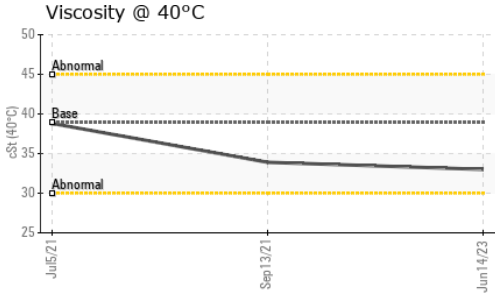
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	<b>5</b>	6	8
Sodium	ppm	ASTM D5185(m)	<b>2</b>	3	4
Potassium	ppm	ASTM D5185(m) >20	<b>&lt;1</b>	2	2

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	NONE
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*	>0.1	<b>NEG</b>	NEG
Free Water	scalar	Visual*		<b>NEG</b>	NEG

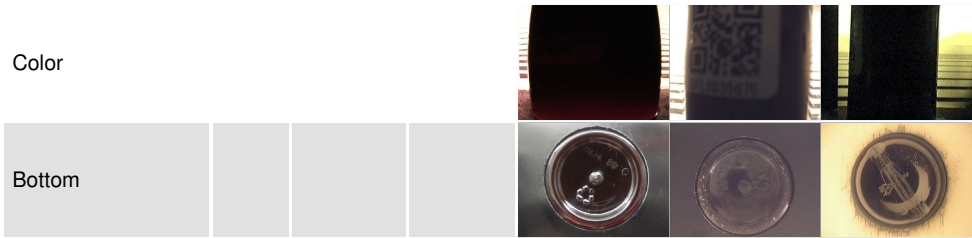


# OIL ANALYSIS REPORT

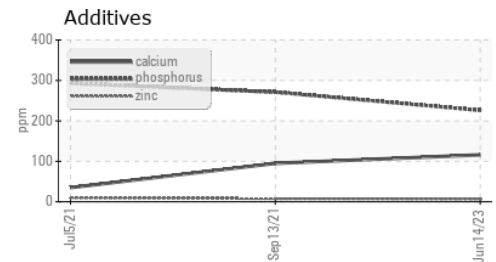
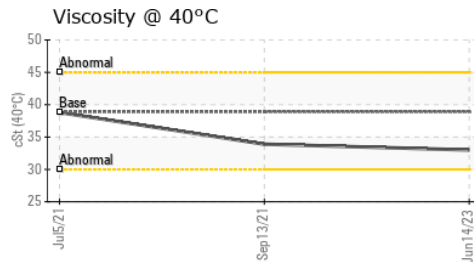
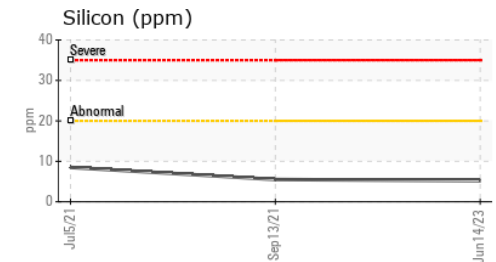
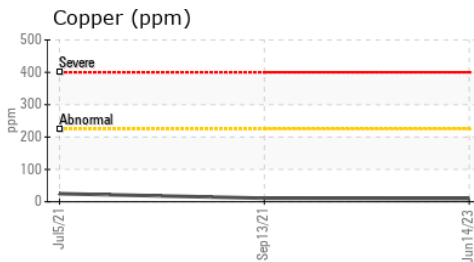
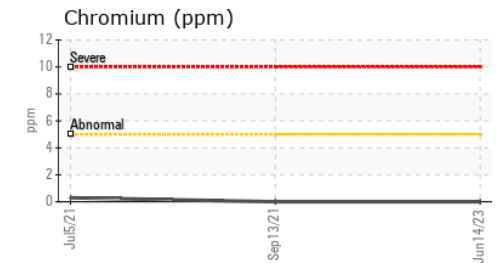
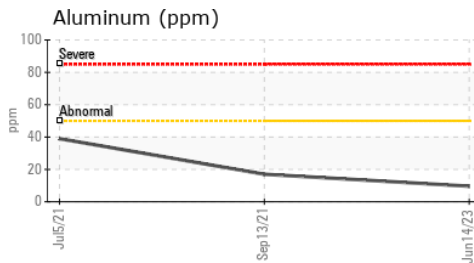
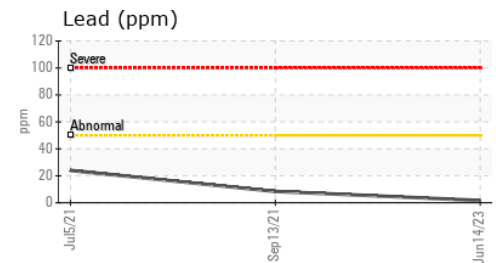
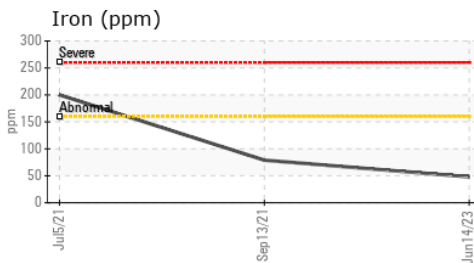


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	<b>33.0</b>	33.9	38.8

SAMPLE IMAGES		method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 574 - Vancouver Fleet  
**Sample No.** : GFL0057424 **Received** : 14 Jul 2023  
**Lab Number** : 02570170 **Diagnosed** : 14 Jul 2023  
**Unique Number** : 5607216 **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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