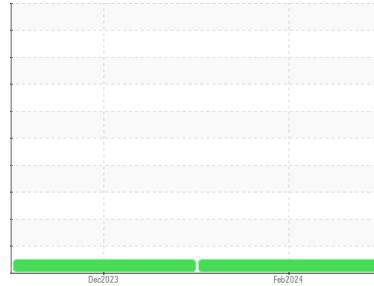




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**824031**  
 Component  
**Transmission (Auto)**  
 Fluid  
**DEXRON III (--- GAL)**

## DIAGNOSIS

### Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) DEXRON III. Veuillez confirmer.

### Wear

Les taux d'usure de tous les composants sont normaux.

### Contamination

Il n'y a aucun indice de contamination dans le fluide.

### Fluid Condition

L'état de le fluide est acceptable pour la durée de service.

| SAMPLE INFORMATION |             | method      | limit/base | current            | history1    | history2 |
|--------------------|-------------|-------------|------------|--------------------|-------------|----------|
| Sample Number      | Client Info |             |            | <b>GFL0094638</b>  | GFL0079077  | ---      |
| Sample Date        | Client Info |             |            | <b>19 Feb 2024</b> | 06 Dec 2023 | ---      |
| Machine Age        | kms         | Client Info |            | <b>326999</b>      | 881768      | ---      |
| Oil Age            | kms         | Client Info |            | <b>0</b>           | 0           | ---      |
| Oil Changed        | Client Info |             |            | <b>Changed</b>     | N/A         | ---      |
| Sample Status      |             |             |            | <b>NORMAL</b>      | NORMAL      | ---      |

| CONTAMINATION |           | method | limit/base | current    | history1 | history2 |
|---------------|-----------|--------|------------|------------|----------|----------|
| Water         | WC Method |        | >0.1       | <b>NEG</b> | NEG      | ---      |

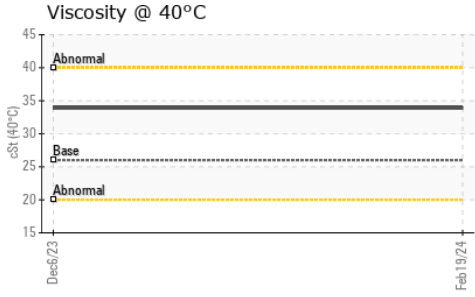
| WEAR METALS |     | method        | limit/base | current      | history1 | history2 |
|-------------|-----|---------------|------------|--------------|----------|----------|
| Iron        | ppm | ASTM D5185(m) | >160       | <b>85</b>    | 99       | ---      |
| Chromium    | ppm | ASTM D5185(m) | >5         | <b>&lt;1</b> | <1       | ---      |
| Nickel      | ppm | ASTM D5185(m) | >5         | <b>&lt;1</b> | <1       | ---      |
| Titanium    | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Silver      | ppm | ASTM D5185(m) | >5         | <b>&lt;1</b> | <1       | ---      |
| Aluminum    | ppm | ASTM D5185(m) | >50        | <b>12</b>    | 12       | ---      |
| Lead        | ppm | ASTM D5185(m) | >50        | <b>1</b>     | 1        | ---      |
| Copper      | ppm | ASTM D5185(m) | >225       | <b>2</b>     | 2        | ---      |
| Tin         | ppm | ASTM D5185(m) | >10        | <b>&lt;1</b> | <1       | ---      |
| Antimony    | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Vanadium    | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Beryllium   | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Cadmium     | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |

| ADDITIVES  |     | method        | limit/base | current      | history1 | history2 |
|------------|-----|---------------|------------|--------------|----------|----------|
| Boron      | ppm | ASTM D5185(m) |            | <b>74</b>    | 83       | ---      |
| Barium     | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | <1       | ---      |
| Molybdenum | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Manganese  | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | <1       | ---      |
| Magnesium  | ppm | ASTM D5185(m) |            | <b>2</b>     | 2        | ---      |
| Calcium    | ppm | ASTM D5185(m) |            | <b>24</b>    | 23       | ---      |
| Phosphorus | ppm | ASTM D5185(m) |            | <b>195</b>   | 203      | ---      |
| Zinc       | ppm | ASTM D5185(m) |            | <b>14</b>    | 13       | ---      |
| Sulfur     | ppm | ASTM D5185(m) |            | <b>2202</b>  | 2122     | ---      |
| Lithium    | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | <1       | ---      |

| CONTAMINANTS |     | method        | limit/base | current   | history1 | history2 |
|--------------|-----|---------------|------------|-----------|----------|----------|
| Silicon      | ppm | ASTM D5185(m) | >20        | <b>15</b> | 16       | ---      |
| Sodium       | ppm | ASTM D5185(m) |            | <b>5</b>  | 5        | ---      |
| Potassium    | ppm | ASTM D5185(m) | >20        | <b>2</b>  | <1       | ---      |



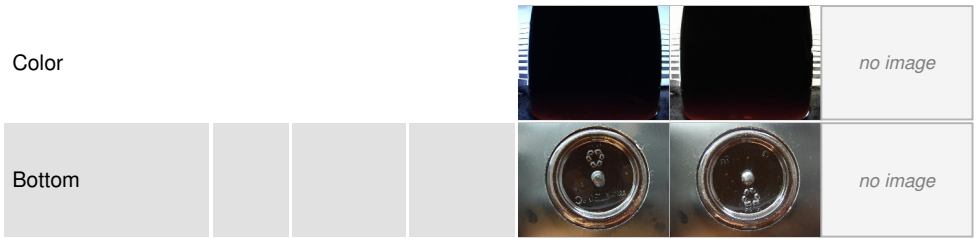
# OIL ANALYSIS REPORT



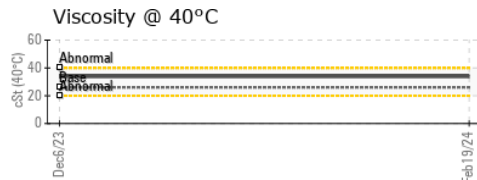
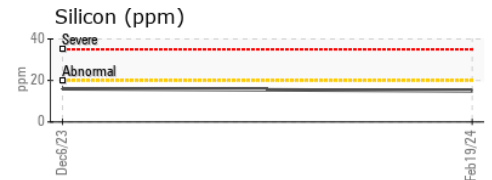
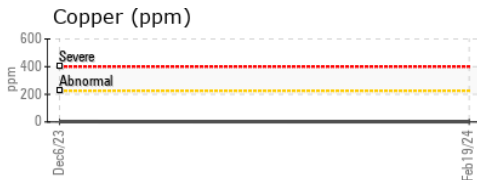
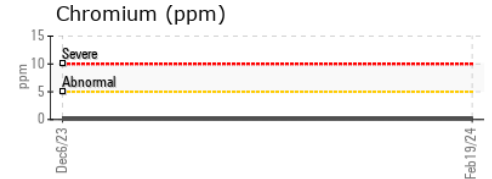
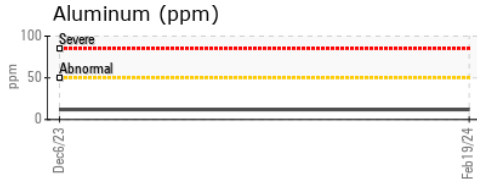
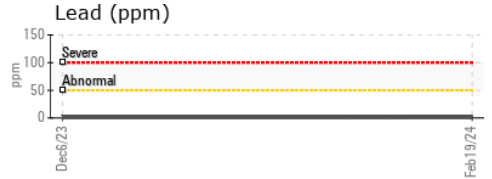
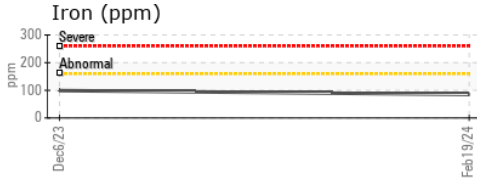
| PARAMETER        | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| White Metal      | scalar | Visual*    | NONE    | NONE     | ---      |
| Yellow Metal     | scalar | Visual*    | NONE    | NONE     | ---      |
| Precipitate      | scalar | Visual*    | NONE    | NONE     | ---      |
| Silt             | scalar | Visual*    | NONE    | NONE     | ---      |
| Debris           | scalar | Visual*    | NONE    | NONE     | ---      |
| Sand/Dirt        | scalar | Visual*    | NONE    | NONE     | ---      |
| Appearance       | scalar | Visual*    | NORML   | NORML    | ---      |
| Odor             | scalar | Visual*    | NORML   | NORML    | ---      |
| Emulsified Water | scalar | Visual*    | >0.1    | NEG      | ---      |
| Free Water       | scalar | Visual*    |         | NEG      | ---      |

| FLUID PROPERTIES | method | limit/base    | current | history1 | history2 |
|------------------|--------|---------------|---------|----------|----------|
| Visc @ 40°C      | cSt    | ASTM D7279(m) | 26.0    | 33.9     | ---      |

### SAMPLE IMAGES



### GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0094638  
**Lab Number** : 02618101  
**Unique Number** : 5735211  
**Test Package** : MOB 1

**Received** : 26 Feb 2024  
**Tested** : 26 Feb 2024  
**Diagnosed** : 26 Feb 2024 - Wes Davis

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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