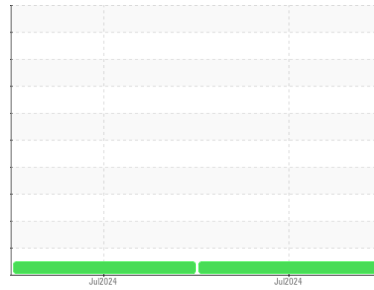




# OIL ANALYSIS REPORT

Area  
**Gary Steacy - G02900**  
 Machine ID  
**A2407053**  
 Component  
**Transformer Oil**  
 Fluid  
**{not provided} (--- GAL)**

## Sample Rating Trend



## DIAGNOSIS

| SAMPLE INFORMATION |             | method      | limit/base | current             | history1     | history2 |
|--------------------|-------------|-------------|------------|---------------------|--------------|----------|
| Batch #            | Client Info |             |            | <b>2024 07 0040</b> | 2024 07 0040 | ---      |
| Machine ID         | Client Info |             |            | <b>Comp 2</b>       | Comp 3       | ---      |
| Department         | Client Info |             |            | <b>Production</b>   | Production   | ---      |
| Sample From        | Client Info |             |            | <b>Machine</b>      | Machine      | ---      |
| Production Stage   | Client Info |             |            | <b>Initial</b>      | Initial      | ---      |
| Sent to WC         | Client Info |             |            | <b>07/10/2024</b>   | 07/10/2024   | ---      |
| Sample Number      | Client Info |             |            | <b>E30002613</b>    | E30002614    | ---      |
| Sample Date        | Client Info |             |            | <b>10 Jul 2024</b>  | 10 Jul 2024  | ---      |
| Machine Age        | hrs         | Client Info |            | <b>0</b>            | 0            | ---      |
| Oil Age            | hrs         | Client Info |            | <b>0</b>            | 0            | ---      |
| Oil Changed        | Client Info |             |            | <b>N/A</b>          | N/A          | ---      |
| Sample Status      |             |             |            | <b>NORMAL</b>       | NORMAL       | ---      |

| CONTAMINATION |           | method | limit/base | current    | history1 | history2 |
|---------------|-----------|--------|------------|------------|----------|----------|
| Water         | WC Method |        | >0.0035    | <b>NEG</b> | NEG      | ---      |

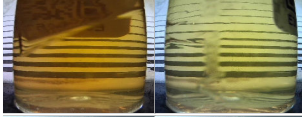
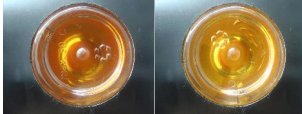
| WEAR METALS |     | method        | limit/base | current      | history1 | history2 |
|-------------|-----|---------------|------------|--------------|----------|----------|
| Iron        | ppm | ASTM D5185(m) | >125       | <b>2</b>     | <1       | ---      |
| Chromium    | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Nickel      | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | <1       | ---      |
| Titanium    | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Silver      | ppm | ASTM D5185(m) | >2         | <b>0</b>     | 0        | ---      |
| Aluminum    | ppm | ASTM D5185(m) | >5         | <b>&lt;1</b> | <1       | ---      |
| Lead        | ppm | ASTM D5185(m) | >30        | <b>0</b>     | 0        | ---      |
| Copper      | ppm | ASTM D5185(m) | >10        | <b>3</b>     | <1       | ---      |
| Tin         | ppm | ASTM D5185(m) | >2         | <b>0</b>     | 0        | ---      |
| 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>&lt;1</b> | <1       | ---      |
| Barium     | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Molybdenum | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Manganese  | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Magnesium  | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | 0        | ---      |
| Calcium    | ppm | ASTM D5185(m) |            | <b>2</b>     | <1       | ---      |
| Phosphorus | ppm | ASTM D5185(m) |            | <b>20</b>    | 2        | ---      |
| Zinc       | ppm | ASTM D5185(m) |            | <b>17</b>    | 2        | ---      |
| Sulfur     | ppm | ASTM D5185(m) |            | <b>881</b>   | 1098     | ---      |
| Lithium    | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | <1       | ---      |

| CONTAMINANTS |     | method        | limit/base | current      | history1 | history2 |
|--------------|-----|---------------|------------|--------------|----------|----------|
| Silicon      | ppm | ASTM D5185(m) | >25        | <b>9</b>     | 8        | ---      |
| Sodium       | ppm | ASTM D5185(m) |            | <b>0</b>     | 0        | ---      |
| Potassium    | ppm | ASTM D5185(m) | >20        | <b>&lt;1</b> | 0        | ---      |

# OIL ANALYSIS REPORT

| 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    | --- |

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : E30002613      **Received** : 11 Jul 2024  
**Lab Number** : **02647499**      **Tested** : 12 Jul 2024  
**Unique Number** : 5813051      **Diagnosed** : 15 Jul 2024 - Tatiana Sorkina  
**Test Package** : TEST ( Additional Tests: ICP )

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 F: (905)373-4950

To discuss this sample report, contact Customer Service at 1-905-372-2251.  
 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.