



# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**Gary Steacy - G02900**  
 Machine ID  
**A2406122**  
 Component  
**Transformer Oil**  
 Fluid  
**{not provided} (--- GAL)**

## DIAGNOSIS

| SAMPLE INFORMATION |             | method      | limit/base | current             | history1 | history2 |
|--------------------|-------------|-------------|------------|---------------------|----------|----------|
| Batch #            | Client Info |             |            | <b>2024 06 0530</b> | ---      | ---      |
| Department         | Client Info |             |            | <b>Production</b>   | ---      | ---      |
| Sample From        | Client Info |             |            | <b>Machine</b>      | ---      | ---      |
| Production Stage   | Client Info |             |            | <b>Initial</b>      | ---      | ---      |
| Sent to WC         | Client Info |             |            | <b>06/17/2024</b>   | ---      | ---      |
| Sample Number      | Client Info |             |            | <b>E30002427</b>    | ---      | ---      |
| Sample Date        | Client Info |             |            | <b>17 Jun 2024</b>  | ---      | ---      |
| Machine Age        | hrs         | Client Info |            | <b>0</b>            | ---      | ---      |
| Oil Age            | hrs         | Client Info |            | <b>0</b>            | ---      | ---      |
| Oil Changed        | Client Info |             |            | <b>N/A</b>          | ---      | ---      |
| Sample Status      |             |             |            | <b>NORMAL</b>       | ---      | ---      |

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



| WEAR METALS |     | method        | limit/base | current      | history1 | history2 |
|-------------|-----|---------------|------------|--------------|----------|----------|
| Iron        | ppm | ASTM D5185(m) | >125       | <b>&lt;1</b> | ---      | ---      |
| Chromium    | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Nickel      | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | ---      | ---      |
| Titanium    | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Silver      | ppm | ASTM D5185(m) | >2         | <b>0</b>     | ---      | ---      |
| Aluminum    | ppm | ASTM D5185(m) | >5         | <b>&lt;1</b> | ---      | ---      |
| Lead        | ppm | ASTM D5185(m) | >30        | <b>0</b>     | ---      | ---      |
| Copper      | ppm | ASTM D5185(m) | >10        | <b>&lt;1</b> | ---      | ---      |
| Tin         | ppm | ASTM D5185(m) | >2         | <b>0</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>&lt;1</b> | ---      | ---      |
| Barium     | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Molybdenum | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Manganese  | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Magnesium  | ppm | ASTM D5185(m) |            | <b>0</b>     | ---      | ---      |
| Calcium    | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | ---      | ---      |
| Phosphorus | ppm | ASTM D5185(m) |            | <b>4</b>     | ---      | ---      |
| Zinc       | ppm | ASTM D5185(m) |            | <b>1</b>     | ---      | ---      |
| Sulfur     | ppm | ASTM D5185(m) |            | <b>894</b>   | ---      | ---      |
| Lithium    | ppm | ASTM D5185(m) |            | <b>&lt;1</b> | ---      | ---      |

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

# OIL ANALYSIS REPORT

| 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>NONE</b>  | ---      | --- |
| Debris       | scalar | Visual*    | NONE    | <b>NONE</b>  | ---      | --- |
| Sand/Dirt    | scalar | Visual*    | NONE    | <b>NONE</b>  | ---      | --- |
| Appearance   | scalar | Visual*    | NORML   | <b>NORML</b> | ---      | --- |
| Odor         | scalar | Visual*    | NORML   | <b>NORML</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.** : E30002427      **Received** : 20 Jun 2024  
**Lab Number** : **02643295**      **Tested** : 21 Jun 2024  
**Unique Number** : 5800834      **Diagnosed** : 24 Jun 2024 - Tatiana Sorkina  
**Test Package** : TEST ( Additional Tests: ICP )

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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.