

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id 413160 Component Transmission (Auto) Fluid DEXRON III (--- GAL)

## DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

### 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.

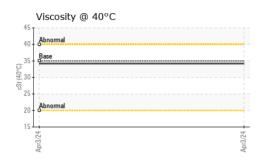
| SAMPLE INFOR     | MATION | method      | limit/base | current                                   | history1 | history2 |  |
|------------------|--------|-------------|------------|---|----------|----------|--|
| Sample Number    |        | Client Info |            | GFL0108014                                |          |          |  |
| Sample Date      |        | Client Info |            | 03 Apr 2024                               |          |          |  |
| Machine Age      | hrs    | Client Info |            | 0   |          |          |  |
| Oil Age          | hrs    | Client Info |            | 0   |          |          |  |
| Oil Changed      |        | Client Info |            | Not Changd                                |          |          |  |
| Sample Status    |        |             |            | NORMAL                                    |          |          |  |
| CONTAMINAT       | ION    | method      | limit/base | current                                   | history1 | history2 |  |
| Water            |        | WC Method   | >0.1       | NEG                                       |          |          |  |
| WEAR METAL       | .S     | method      | limit/base | current                                   | history1 | history2 |  |
| Iron             | ppm    | ASTM D5185m | >160       | 81  |          |          |  |
| Chromium         | ppm    | ASTM D5185m | >5         | 0   |          |          |  |
| Nickel           | ppm    | ASTM D5185m | >5         | 0   |          |          |  |
| Titanium         | ppm    | ASTM D5185m |            | 0   |          |          |  |
| Silver           | ppm    | ASTM D5185m | >5         | 0   |          |          |  |
| Aluminum         | ppm    | ASTM D5185m | >50        | 22  |          |          |  |
| Lead             | ppm    | ASTM D5185m | >50        | 5   |          |          |  |
| Copper           | ppm    | ASTM D5185m | >225       | 7   |          |          |  |
| Tin              | ppm    | ASTM D5185m | >10        | 3   |          |          |  |
| Vanadium         | ppm    | ASTM D5185m |            | 0   |          |          |  |
| Cadmium          | ppm    | ASTM D5185m |            | 0   |          |          |  |
| ADDITIVES        |        | method      | limit/base | current                                   | history1 | history2 |  |
| Boron            | ppm    | ASTM D5185m |            | 88  |          |          |  |
| Barium           | ppm    | ASTM D5185m |            | 1   |          |          |  |
| Molybdenum       | ppm    | ASTM D5185m |            | 0   |          |          |  |
| Manganese        | ppm    | ASTM D5185m |            | 3   |          |          |  |
| Magnesium        | ppm    | ASTM D5185m |            | <1  |          |          |  |
| Calcium          | ppm    | ASTM D5185m |            | 97  |          |          |  |
| Phosphorus       | ppm    | ASTM D5185m |            | 291                                       |          |          |  |
| Zinc             | ppm    | ASTM D5185m |            | 3   |          |          |  |
| Sulfur           | ppm    | ASTM D5185m |            | 1681                                      |          |          |  |
| CONTAMINAN       | ITS    | method      | limit/base | current                                   | history1 | history2 |  |
| Silicon          | ppm    | ASTM D5185m | >20        | 5   |          |          |  |
| Sodium           | ppm    | ASTM D5185m |            | 8   |          |          |  |
| Potassium        | ppm    | ASTM D5185m | >20        | 3   |          |          |  |
| VISUAL           |        | 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                                       |          |          |  |
| 4:39:08) Rev: 1  |        |             |            | Contact/Location: Terry Randolph - GFL823 |          |          |  |

Report Id: GFL823 [WUSCAR] 06158153 (Generated: 04/24/2024 14:39:08) Rev: 1

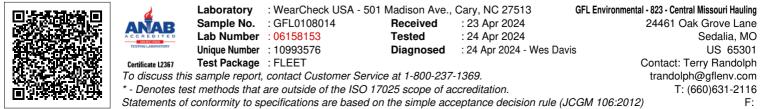
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# **OIL ANALYSIS REPORT**



| SAMPLE IMAGES metr<br>SAMPLE IMAGES metr<br>olor<br>ottom<br>GRAPHS<br>Ferrous Alloys<br>Mon-ferrous Metals<br>Copper<br>inckel<br>Viscosity @ 40°C<br>Abnomal<br>Base   |              | 34.2<br>se current<br>no image<br>no image | no image | history2 |
|--|--------------|--|----------|----------|
| olor  Ottom  GRAPHS  Ferrous Alloys  Image: Comperiment of the second se | od limit/bas | no image                                   | no image |          |
| ottom  GRAPHS Ferrous Alloys  icon chomium nickel  Non-ferrous Metals  Copper lead tin  Viscosity @ 40°C  Abnomal Bae  |              |  |          | no image |
| ottom  GRAPHS Ferrous Alloys  icon chomium nickel  Non-ferrous Metals  Copper lead tin  Viscosity @ 40°C  Abnomal Bae  |              |  |          | no image |
| GRAPHS Ferrous Alloys  Image: Second  |              | no image                                   | no image |          |
| GRAPHS Ferrous Alloys  Image: Second  |              | no image                                   | no image |          |
| GRAPHS Ferrous Alloys  Image: Second  |              |  |          | no image |
| Ferrous Alloys   |              |  |          | ne mage  |
| Non-ferrous Metals   |              |  |          |          |
| Non-ferrous Metals   | 24           |  |          |          |
| Copper<br>lead<br>tin<br>Viscosity @ 40°C<br>Abnomal<br>Base   | Apr3/24      |  |          |          |
| Viscosity @ 40°C   |              |  |          |          |
| Viscosity @ 40°C<br>Abnomal<br>Base  |              |  |          |          |
| Viscosity @ 40°C<br>Abnormal<br>Base   |              |  |          |          |
| Viscosity @ 40°C<br>Abnormal<br>Base   |              |  |          |          |
| Viscosity @ 40°C<br>Abnormal<br>Base   |              |  |          |          |
| Viscosity @ 40°C<br>Abnormal<br>Base   |              |  |          |          |
| Viscosity @ 40°C<br>Abnormal<br>Base   |              |  |          |          |
| Viscosity @ 40°C<br>Abnormal<br>Base   |              |  |          |          |
| Viscosity @ 40°C<br>Abnormal<br>Base   | Apr3/24      |  |          |          |
| Abnormal<br>Base   |              |  |          |          |
| Base   |              |  |          |          |
|  |              |  |          |          |
| Abnormal   |              |  |          |          |
| Abnormal   |              |  |          |          |
| Abnormal   |              |  |          |          |
|  |              |  |          |          |
|  |              |  |          |          |
| 3/24 -   |              |  |          |          |
| Apr3/24  | 124          |  |          |          |
|  | Api3/24      |  |          |          |



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