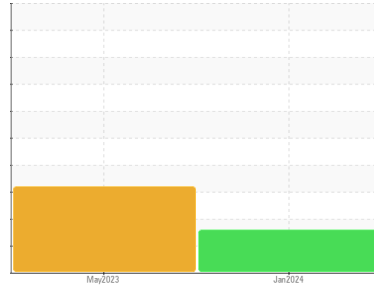




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
426138
 Component
Transmission (Auto)
 Fluid
DEXRON III (--- GAL)

DIAGNOSIS

▲ Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition. (Customer Sample Comment: Transmission)

▲ Wear

The iron level is abnormal. Clutch and/or bushing/bearing wear is indicated.

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 | | GFL0105520 | GFL0075342 | --- |
| Sample Date | Client Info | | 19 Jan 2024 | 20 May 2023 | --- |
| Machine Age | mls | Client Info | 277220 | 271072 | --- |
| Oil Age | mls | Client Info | 277220 | 263966 | --- |
| Oil Changed | Client Info | | Changed | Changed | --- |
| Sample Status | | | ABNORMAL | ABNORMAL | --- |

CONTAMINATION

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

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >160 | ▲ 399 | ▲ 367 | --- |
| Chromium | ppm | ASTM D5185m >5 | 1 | 1 | --- |
| Nickel | ppm | ASTM D5185m >5 | 3 | 2 | --- |
| Titanium | ppm | ASTM D5185m | <1 | <1 | --- |
| Silver | ppm | ASTM D5185m >5 | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m >50 | 41 | ▲ 51 | --- |
| Lead | ppm | ASTM D5185m >50 | 23 | ▲ 50 | --- |
| Copper | ppm | ASTM D5185m >225 | ▲ 352 | ▲ 286 | --- |
| Tin | ppm | ASTM D5185m >10 | 1 | 3 | --- |
| Vanadium | ppm | ASTM D5185m | 0 | 0 | --- |
| Cadmium | ppm | ASTM D5185m | 0 | 0 | --- |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|-------------|-------------|----------|----------|
| Boron | ppm | ASTM D5185m | 78 | 148 | --- |
| Barium | ppm | ASTM D5185m | 0 | 0 | --- |
| Molybdenum | ppm | ASTM D5185m | 1 | <1 | --- |
| Manganese | ppm | ASTM D5185m | 7 | 6 | --- |
| Magnesium | ppm | ASTM D5185m | 3 | 5 | --- |
| Calcium | ppm | ASTM D5185m | 447 | 366 | --- |
| Phosphorus | ppm | ASTM D5185m | 447 | 527 | --- |
| Zinc | ppm | ASTM D5185m | 169 | 420 | --- |
| Sulfur | ppm | ASTM D5185m | 2105 | 3058 | --- |

CONTAMINANTS

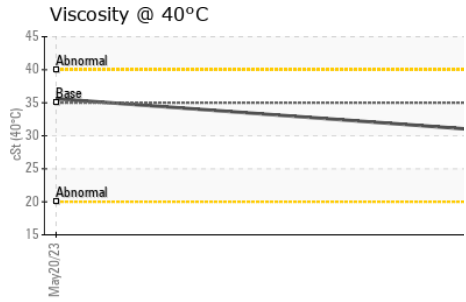
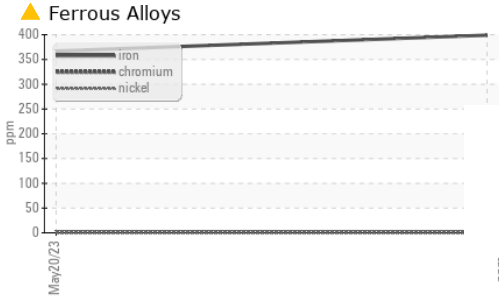
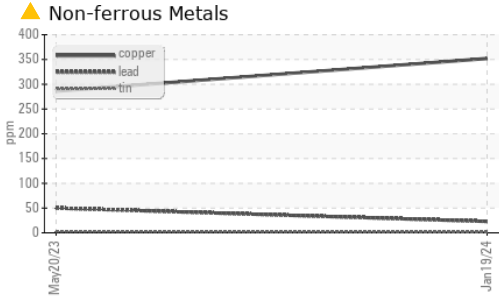
| | method | limit/base | current | history1 | history2 |
|-----------|--------|-----------------|-----------|----------|----------|
| Silicon | ppm | ASTM D5185m >20 | 21 | 20 | --- |
| Sodium | ppm | ASTM D5185m | 4 | 12 | --- |
| Potassium | ppm | ASTM D5185m >20 | 5 | 4 | --- |

VISUAL

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



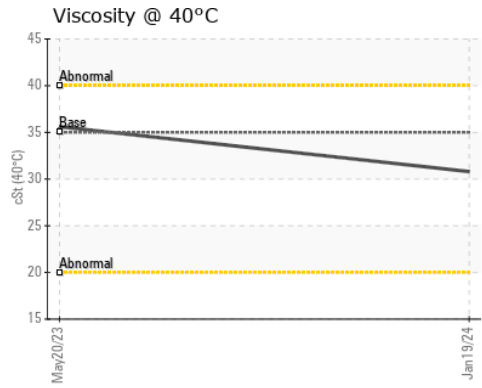
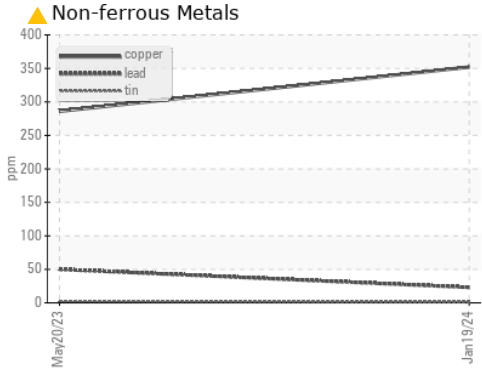
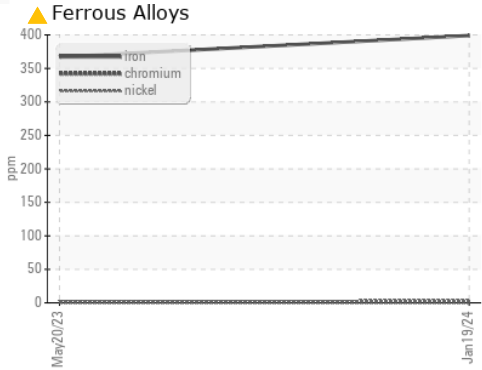
OIL ANALYSIS REPORT



| FLUID PROPERTIES | method | limit/base | current | history1 | history2 | |
|------------------|--------|------------|---------|-------------|----------|-----|
| Visc @ 40°C | cSt | ASTM D445 | 35.0 | 30.8 | 35.6 | --- |

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0105520 **Received** : 24 Jan 2024
Lab Number : 06069795 **Diagnosed** : 26 Jan 2024
Unique Number : 10846472 **Diagnostician** : Don Baldrige
Test Package : FLEET

GFL Environmental - 983 - Sugar Land Hauling
 16011 West Belfort Street
 Sugar Land, TX
 US 77498
 Contact: TECHNICIAN ACCOUNT
 wcgfldemo@gmail.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:
F: