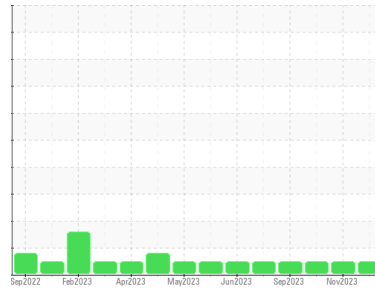




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
10858
 Component
Transmission (Auto)
 Fluid

PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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 INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|-------------|-------------|
| Sample Number | Client Info | | GFL0115667 | GFL0097939 | GFL0097861 |
| Sample Date | Client Info | | 16 Apr 2024 | 15 Nov 2023 | 10 Oct 2023 |
| Machine Age | hrs | Client Info | 1607 | 1404 | 1370 |
| Oil Age | hrs | Client Info | 155 | 566 | 484 |
| Oil Changed | Client Info | | Changed | Not Changd | Not Changd |
| Sample Status | | | NORMAL | NORMAL | NORMAL |

CONTAMINATION

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

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >160 | 41 | 47 | 40 |
| Chromium | ppm | ASTM D5185m >5 | <1 | 0 | <1 |
| Nickel | ppm | ASTM D5185m >5 | 1 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | <1 | 0 | 0 |
| Silver | ppm | ASTM D5185m >5 | <1 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m >50 | 6 | 5 | 3 |
| Lead | ppm | ASTM D5185m >50 | 2 | <1 | <1 |
| Copper | ppm | ASTM D5185m >225 | 5 | 6 | 5 |
| Tin | ppm | ASTM D5185m >10 | 2 | 0 | <1 |
| Vanadium | ppm | ASTM D5185m | <1 | 0 | 0 |
| Cadmium | ppm | ASTM D5185m | <1 | 0 | 0 |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|-------------|-------------|----------|----------|
| Boron | ppm | ASTM D5185m | 61 | 55 | 50 |
| Barium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 2 | 0 | <1 |
| Manganese | ppm | ASTM D5185m | 1 | 0 | 0 |
| Magnesium | ppm | ASTM D5185m | 2 | 0 | 2 |
| Calcium | ppm | ASTM D5185m | 130 | 120 | 124 |
| Phosphorus | ppm | ASTM D5185m | 248 | 222 | 212 |
| Zinc | ppm | ASTM D5185m | 4 | 2 | 0 |
| Sulfur | ppm | ASTM D5185m | 2002 | 1526 | 1852 |

CONTAMINANTS

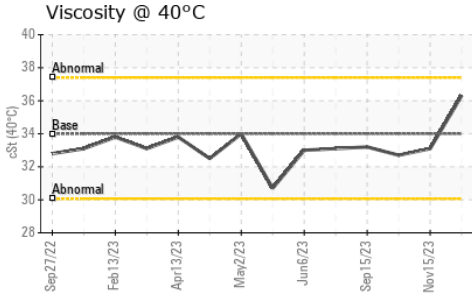
| | method | limit/base | current | history1 | history2 |
|-----------|--------|-----------------|----------|----------|----------|
| Silicon | ppm | ASTM D5185m >20 | 7 | 4 | 5 |
| Sodium | ppm | ASTM D5185m | 5 | 7 | 2 |
| Potassium | ppm | ASTM D5185m >20 | 2 | 0 | 2 |

VISUAL

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



OIL ANALYSIS REPORT

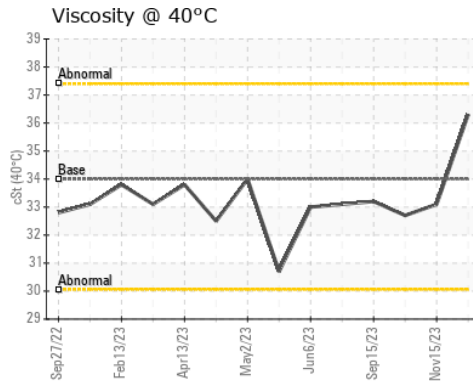
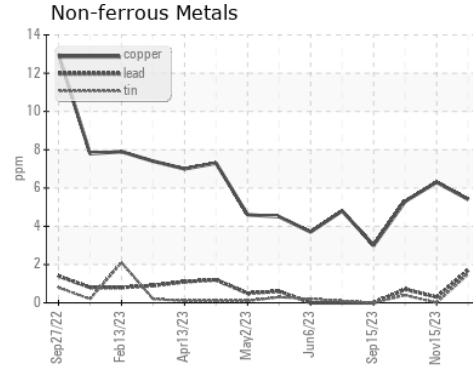
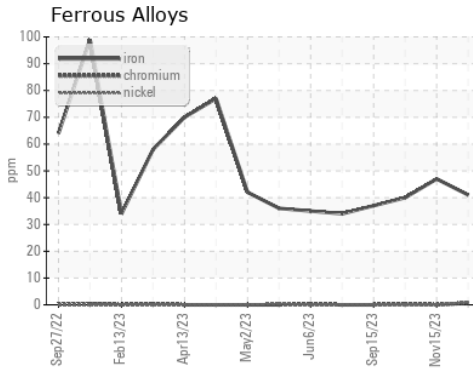


| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|--------------|---------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 34 | 36.3 | 33.1 | 32.7 |

| 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. : GFL0115667
Lab Number : 06152411
Unique Number : 10982489
Test Package : FLEET

Received : 17 Apr 2024
Tested : 18 Apr 2024
Diagnosed : 18 Apr 2024 - Wes Davis

GFL Environmental - 010 - Stockbridge
 1280 Rum Creek Parkway
 Stockbridge, GA
 US 30281
 Contact: JOSHUA TINKER
 joshuatinker@gflenv.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: