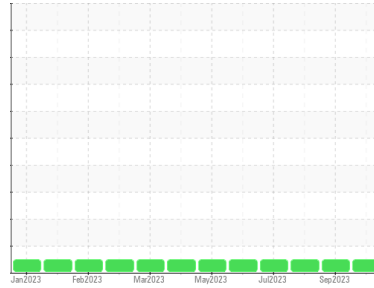




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
10629

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 oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|-------------|-------------|
| Sample Number | Client Info | | GFL0088757 | GFL0091410 | GFL0086102 |
| Sample Date | Client Info | | 12 Sep 2023 | 01 Sep 2023 | 27 Jul 2023 |
| Machine Age | hrs | Client Info | 1420 | 1400 | 30823 |
| Oil Age | hrs | Client Info | 1420 | 838 | 1850 |
| Oil Changed | Client Info | | Changed | Not Changd | Not Changd |
| Sample Status | | | NORMAL | NORMAL | NORMAL |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >160 | 43 | 43 | 40 |
| Chromium | ppm | ASTM D5185m >5 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185m >5 | <1 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m >5 | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m >50 | 5 | 6 | 4 |
| Lead | ppm | ASTM D5185m >50 | 0 | 0 | <1 |
| Copper | ppm | ASTM D5185m >225 | 4 | 6 | 4 |
| Tin | ppm | ASTM D5185m >10 | <1 | <1 | 0 |
| Vanadium | ppm | ASTM D5185m | 0 | 0 | <1 |
| Cadmium | ppm | ASTM D5185m | 0 | 0 | 0 |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|-------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185m | 71 | 70 | 91 |
| Barium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | <1 |
| Manganese | ppm | ASTM D5185m | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | 2 | 2 | 0 |
| Calcium | ppm | ASTM D5185m | 131 | 128 | 127 |
| Phosphorus | ppm | ASTM D5185m | 228 | 225 | 222 |
| Zinc | ppm | ASTM D5185m | 1 | 2 | 0 |
| Sulfur | ppm | ASTM D5185m | 2111 | 1998 | 2018 |

CONTAMINANTS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|-----------------|----------|----------|----------|
| Silicon | ppm | ASTM D5185m >20 | 5 | 5 | 4 |
| Sodium | ppm | ASTM D5185m | 3 | 4 | 2 |
| Potassium | ppm | ASTM D5185m >20 | 0 | <1 | <1 |

VISUAL

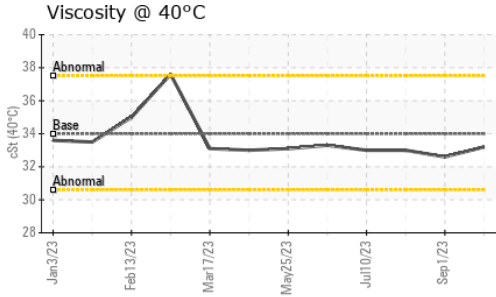
| | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|--------------|----------|----------|
| White Metal | scalar | *Visual NONE | LIGHT | NONE | NONE |
| Yellow Metal | scalar | *Visual NONE | NONE | NONE | NONE |
| Precipitate | scalar | *Visual NONE | NONE | NONE | NONE |
| Silt | scalar | *Visual NONE | NONE | 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 |

FLUID PROPERTIES

| | method | limit/base | current | history1 | history2 |
|-------------|--------|--------------|-------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 34 | 33.2 | 32.6 | 33.0 |

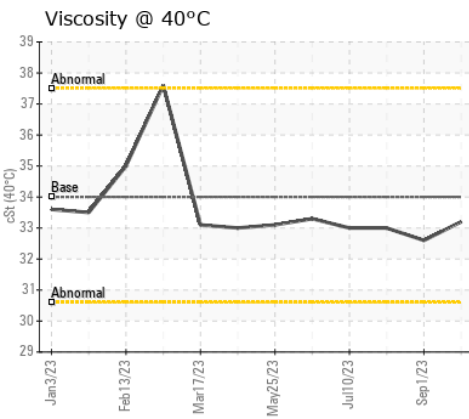
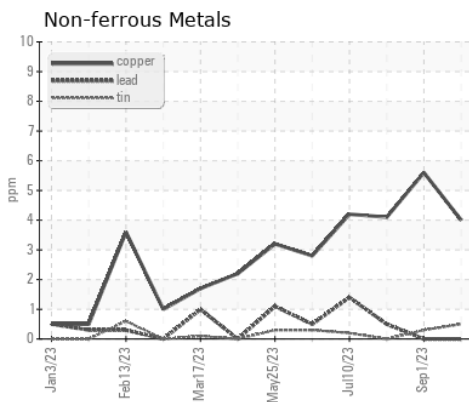
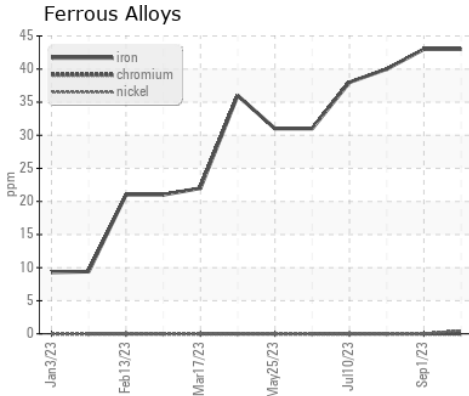


OIL ANALYSIS REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0088757
Lab Number : 05951848
Unique Number : 10647807
Test Package : FLEET

GFL Environmental - 010 - Stockbridge
 1280 Rum Creek Parkway
 Stockbridge, GA
 US 30281
 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)