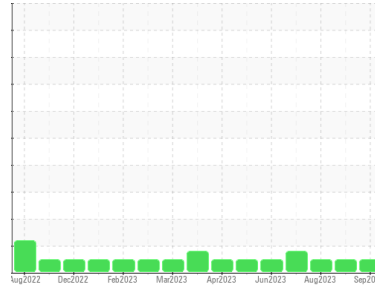




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
10630

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 | GFL0094336 | GFL0091380 | GFL0088781 |
| Sample Date | Client Info | 14 Sep 2023 | 28 Aug 2023 | 01 Aug 2023 |
| Machine Age | hrs | 5999 | 5830 | 5676 |
| Oil Age | hrs | 2190 | 337 | 1867 |
| Oil Changed | Client Info | Not Changed | Not Changed | Not Changed |
| Sample Status | | NORMAL | NORMAL | NORMAL |

WEAR METALS

| method | limit/base | current | history1 | history2 | |
|----------|------------|------------------|--------------|----------|----|
| Iron | ppm | ASTM D5185m >160 | 26 | 25 | 26 |
| Chromium | ppm | ASTM D5185m >5 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185m >5 | 0 | 0 | <1 |
| Titanium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m >5 | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m >50 | 5 | 9 | 10 |
| Lead | ppm | ASTM D5185m >50 | <1 | 1 | 1 |
| Copper | ppm | ASTM D5185m >225 | 7 | 5 | 5 |
| Tin | ppm | ASTM D5185m >10 | 0 | <1 | <1 |
| Vanadium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Cadmium | ppm | ASTM D5185m | 0 | 0 | 0 |

ADDITIVES

| method | limit/base | current | history1 | history2 | |
|------------|------------|-------------|--------------|----------|------|
| Boron | ppm | ASTM D5185m | 11 | 8 | 23 |
| Barium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | <1 | 2 | 2 |
| Manganese | ppm | ASTM D5185m | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | 17 | 24 | 6 |
| Calcium | ppm | ASTM D5185m | 122 | 126 | 119 |
| Phosphorus | ppm | ASTM D5185m | 163 | 297 | 233 |
| Zinc | ppm | ASTM D5185m | 234 | 266 | 116 |
| Sulfur | ppm | ASTM D5185m | 1420 | 1490 | 1487 |

CONTAMINANTS

| method | limit/base | current | history1 | history2 | |
|-----------|------------|-----------------|----------|----------|----|
| Silicon | ppm | ASTM D5185m >20 | 4 | 4 | 6 |
| Sodium | ppm | ASTM D5185m | 6 | 6 | 7 |
| Potassium | ppm | ASTM D5185m >20 | 0 | 2 | <1 |

VISUAL

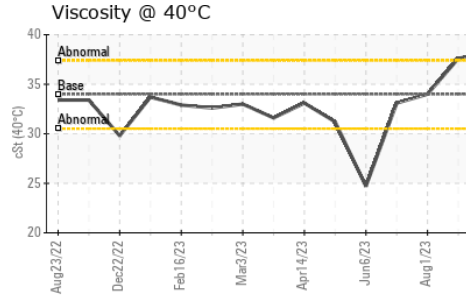
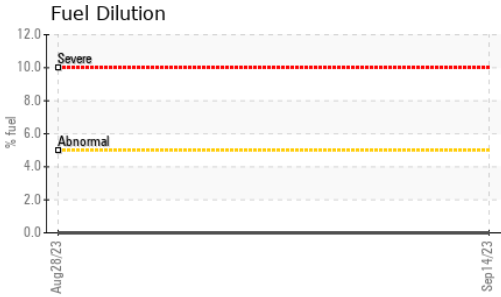
| method | limit/base | current | history1 | history2 | |
|------------------|------------|---------------|--------------|----------|-------|
| White Metal | scalar | *Visual NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual NONE | NONE | NONE | NONE |
| Precipitate | scalar | *Visual NONE | NONE | NONE | NONE |
| Silt | scalar | *Visual NONE | 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 | 38.2 | 37.6 | 34.0 |

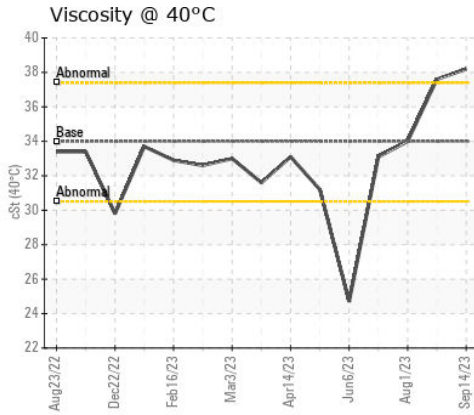
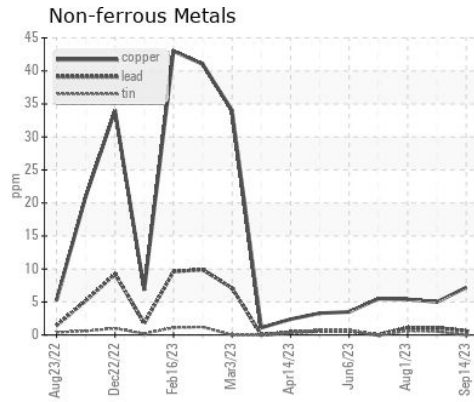
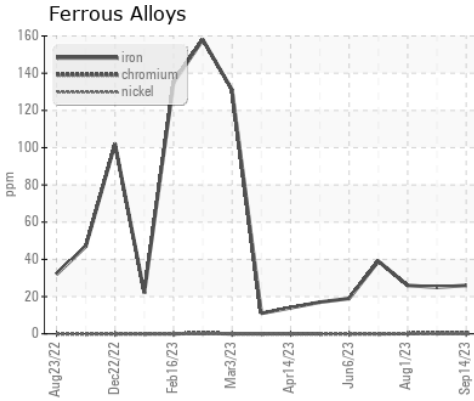


OIL ANALYSIS REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0094336 **Received** : 18 Sep 2023
Lab Number : 05954463 **Diagnosed** : 20 Sep 2023
Unique Number : 10655676 **Diagnostician** : Jonathan Hester
Test Package : FLEET (Additional Tests: FuelDilution, PercentFuel)

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)