



| | |
|-----------------|-----------------|
| WEAR | ABNORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
10699
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | GFL0118016 | GFL0112379 | GFL0107175 |
| Sample Date | | Client Info | | 18 Apr 2024 | 21 Feb 2024 | 30 Jan 2024 |
| Machine Age | hrs | Client Info | | 1023 | 469 | 307 |
| Oil Age | hrs | Client Info | | 1068 | 514 | 307 |
| Filter Age | hrs | Client Info | | 1068 | 514 | 307 |
| Oil Changed | | Client Info | | Changed | Not Changd | N/A |
| Filter Changed | | Client Info | | Changed | Not Changd | N/A |
| Sample Status | | | | ABNORMAL | NORMAL | NORMAL |

WEAR

The aluminum level is abnormal. Clutch wear is indicated.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| Iron | ppm | ASTM D5185m | >160 | 106 | 42 | 41 |
| Chromium | ppm | ASTM D5185m | >5 | <1 | 0 | <1 |
| Nickel | ppm | ASTM D5185m | >5 | <1 | 0 | <1 |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | <1 |
| Silver | ppm | ASTM D5185m | >5 | <1 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >50 | ▲ 87 | 7 | 5 |
| Lead | ppm | ASTM D5185m | >50 | ▲ 63 | <1 | 1 |
| Copper | ppm | ASTM D5185m | >225 | ▲ 64 | 13 | 13 |
| Tin | ppm | ASTM D5185m | >10 | ▲ 11 | 0 | <1 |
| Vanadium | ppm | ASTM D5185m | | <1 | <1 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

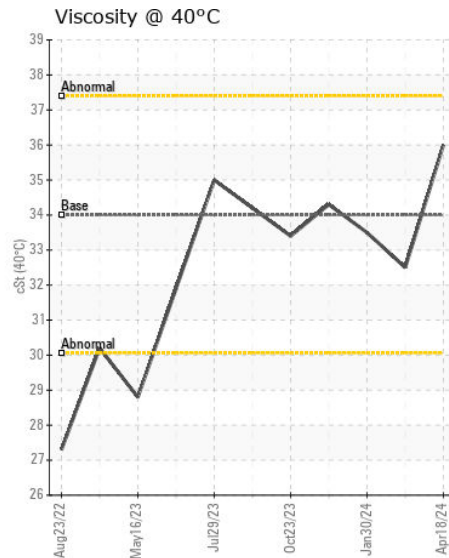
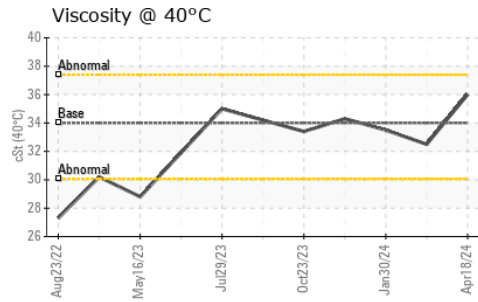
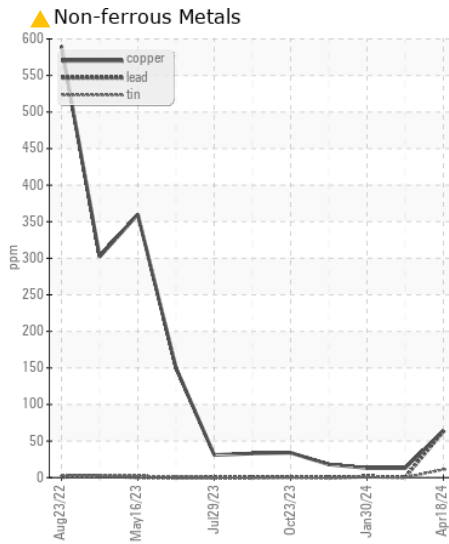
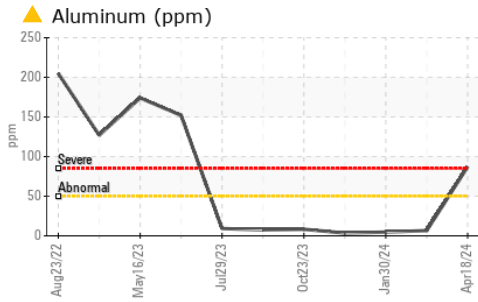
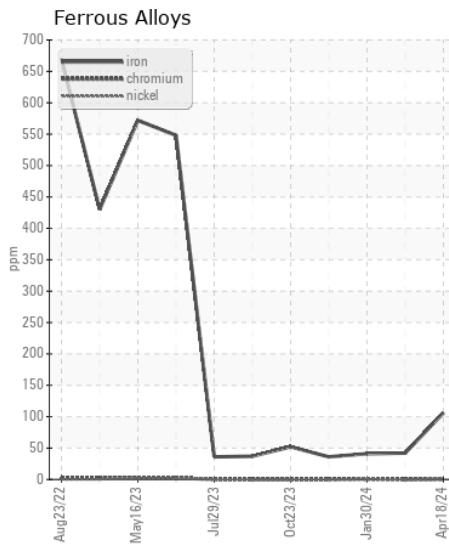
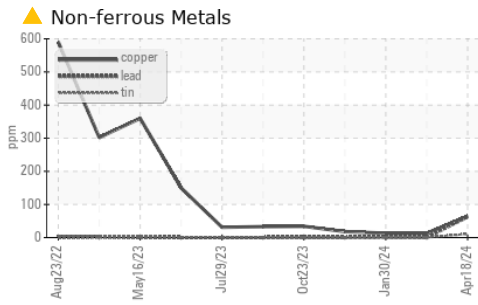
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >20 | 10 | 6 | 5 |
| Potassium | ppm | ASTM D5185m | >20 | 5 | 0 | 2 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| 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 |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|----|-------------|------|------|
| Sodium | ppm | ASTM D5185m | | 7 | 3 | 0 |
| Boron | ppm | ASTM D5185m | | 87 | 82 | 78 |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 1 | 0 | 1 |
| Manganese | ppm | ASTM D5185m | | 2 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | | 1 | 2 | 4 |
| Calcium | ppm | ASTM D5185m | | 58 | 178 | 180 |
| Phosphorus | ppm | ASTM D5185m | | 272 | 297 | 302 |
| Zinc | ppm | ASTM D5185m | | 1 | 2 | 0 |
| Sulfur | ppm | ASTM D5185m | | 913 | 1001 | 897 |
| Visc @ 40°C | cSt | ASTM D445 | 34 | 36.0 | 32.5 | 33.5 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0118016
Lab Number : 06154998
Unique Number : 10990421
Test Package : FLEET

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)

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F: