



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

Area
(C0501064)

Machine Id
812043

Component
Transmission (Auto)

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

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | GFL0118015 | GFL0115707 | GFL0107231 |
| Sample Date | | Client Info | | 18 Apr 2024 | 25 Mar 2024 | 08 Jan 2024 |
| Machine Age | hrs | Client Info | | 6146 | 6012 | 5570 |
| Oil Age | hrs | Client Info | | 401 | 267 | 662 |
| Filter Age | hrs | Client Info | | 401 | 267 | 662 |
| Oil Changed | | Client Info | | Not Changed | Not Changed | Not Changed |
| Filter Changed | | Client Info | | Not Changed | Not Changed | Not Changed |
| Sample Status | | | | NORMAL | ABNORMAL | ABNORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| Iron | ppm | ASTM D5185m | >160 | 71 | 107 | 99 |
| Chromium | ppm | ASTM D5185m | >5 | <1 | 0 | <1 |
| Nickel | ppm | ASTM D5185m | >5 | 0 | <1 | <1 |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Silver | ppm | ASTM D5185m | >5 | <1 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >50 | 12 | ▲ 86 | ▲ 85 |
| Lead | ppm | ASTM D5185m | >50 | 2 | ▲ 63 | ▲ 62 |
| Copper | ppm | ASTM D5185m | >225 | 20 | 61 | 57 |
| Tin | ppm | ASTM D5185m | >10 | <1 | ▲ 11 | ▲ 10 |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

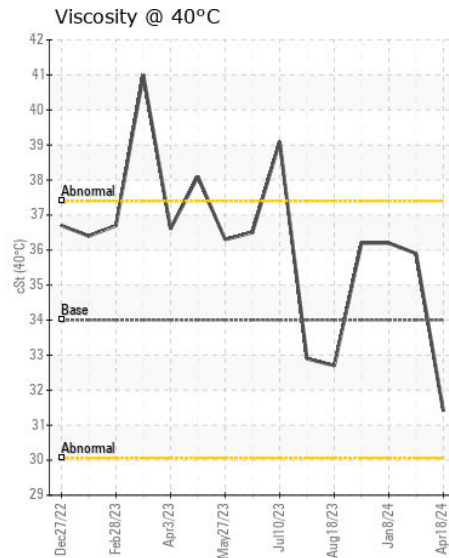
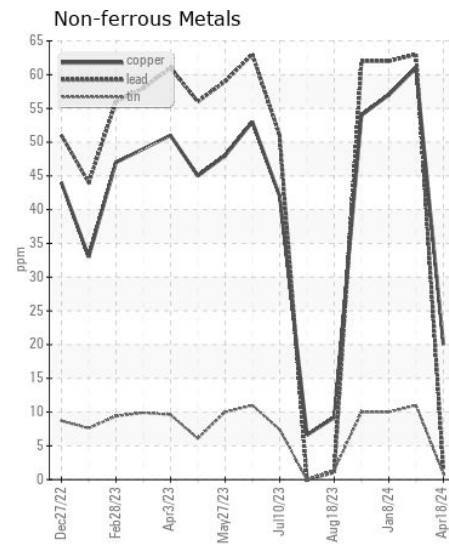
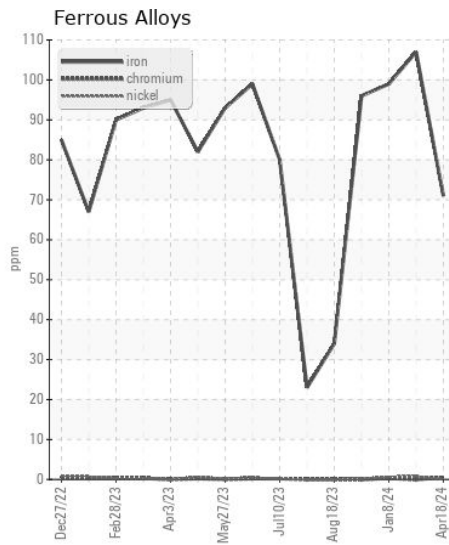
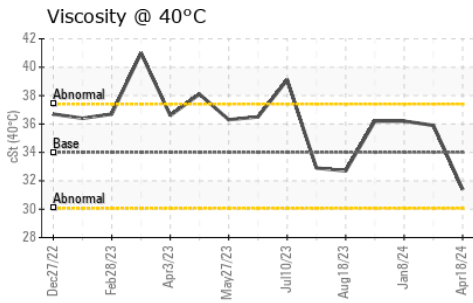
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >20 | 5 | 9 | 9 |
| Potassium | ppm | ASTM D5185m | >20 | 3 | 5 | 4 |
| 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 | | 2 | 7 | 6 |
| Boron | ppm | ASTM D5185m | | 71 | 82 | 82 |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Manganese | ppm | ASTM D5185m | | <1 | 2 | 2 |
| Magnesium | ppm | ASTM D5185m | | 4 | <1 | <1 |
| Calcium | ppm | ASTM D5185m | | 183 | 47 | 46 |
| Phosphorus | ppm | ASTM D5185m | | 305 | 267 | 262 |
| Zinc | ppm | ASTM D5185m | | 7 | 0 | 0 |
| Sulfur | ppm | ASTM D5185m | | 838 | 996 | 902 |
| Visc @ 40°C | cSt | ASTM D445 | 34 | 31.4 | 35.9 | 36.2 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0118015
Lab Number : 06154999
Unique Number : 10990422
Test Package : FLEET

Received : 19 Apr 2024
Tested : 22 Apr 2024
Diagnosed : 22 Apr 2024 - Wes Davis

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)

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F: