



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

433014

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 | GFL0106931 | --- | --- |
| Sample Date | Client Info | 03 Apr 2024 | --- | --- |
| Machine Age | hrs Client Info | 2185 | --- | --- |
| Oil Age | hrs Client Info | 1200 | --- | --- |
| Oil Changed | Client Info | Changed | --- | --- |
| Sample Status | | NORMAL | --- | --- |

CONTAMINATION

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

WEAR METALS

| method | limit/base | current | history1 | history2 |
|----------|----------------------|--------------|----------|----------|
| Iron | ppm ASTM D5185m >160 | 51 | --- | --- |
| Chromium | ppm ASTM D5185m >5 | 0 | --- | --- |
| Nickel | ppm ASTM D5185m >5 | <1 | --- | --- |
| Titanium | ppm ASTM D5185m | 0 | --- | --- |
| Silver | ppm ASTM D5185m >5 | 0 | --- | --- |
| Aluminum | ppm ASTM D5185m >50 | 12 | --- | --- |
| Lead | ppm ASTM D5185m >50 | 10 | --- | --- |
| Copper | ppm ASTM D5185m >225 | 7 | --- | --- |
| Tin | ppm ASTM D5185m >10 | <1 | --- | --- |
| Vanadium | ppm ASTM D5185m | <1 | --- | --- |
| Cadmium | ppm ASTM D5185m | 0 | --- | --- |

ADDITIVES

| method | limit/base | current | history1 | history2 |
|------------|-----------------|--------------|----------|----------|
| Boron | ppm ASTM D5185m | 82 | --- | --- |
| Barium | ppm ASTM D5185m | <1 | --- | --- |
| Molybdenum | ppm ASTM D5185m | 0 | --- | --- |
| Manganese | ppm ASTM D5185m | 2 | --- | --- |
| Magnesium | ppm ASTM D5185m | 0 | --- | --- |
| Calcium | ppm ASTM D5185m | 108 | --- | --- |
| Phosphorus | ppm ASTM D5185m | 246 | --- | --- |
| Zinc | ppm ASTM D5185m | 14 | --- | --- |
| Sulfur | ppm ASTM D5185m | 1519 | --- | --- |

CONTAMINANTS

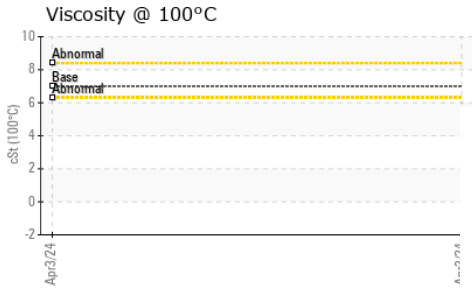
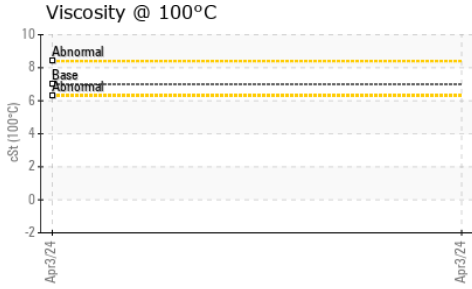
| method | limit/base | current | history1 | history2 |
|-----------|---------------------|----------|----------|----------|
| Silicon | ppm ASTM D5185m >20 | 4 | --- | --- |
| Sodium | ppm ASTM D5185m | 6 | --- | --- |
| Potassium | ppm ASTM D5185m >20 | 4 | --- | --- |

VISUAL

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



OIL ANALYSIS REPORT



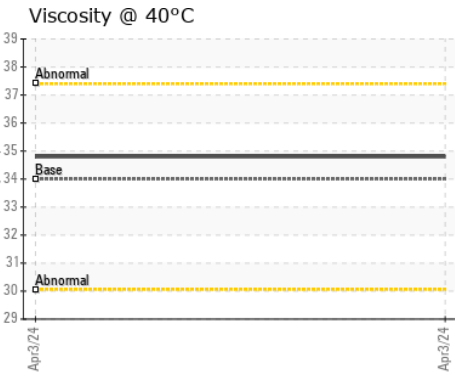
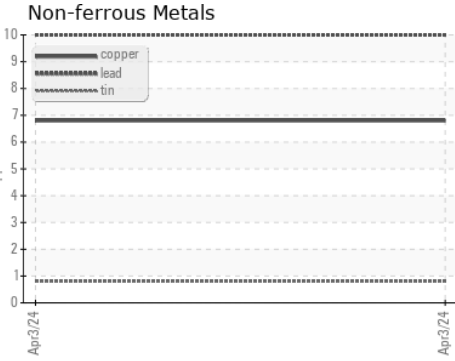
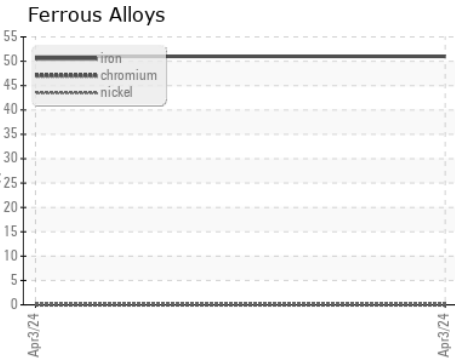
FLUID PROPERTIES

| method | limit/base | current | history1 | history2 |
|-------------|------------------|---------|----------|----------|
| Visc @ 40°C | cSt ASTM D445 34 | 34.8 | --- | --- |

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. : GFL0106931

Lab Number : 06143761

Unique Number : 10968569

Test Package : FLEET (Additional Tests: KV100)

Received : 09 Apr 2024

Tested : 15 Apr 2024

Diagnosed : 15 Apr 2024 - Jonathan Hester

GFL Environmental - 856 - Houston South

8515 Highway 6 South

Houston, TX

US 77083

Contact: Apolinar Zacarias

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T:

F:

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)