

OIL ANALYSIS REPORT

Sample Rating Trend





813010 Component Transmission (Auto)

Machine Id

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 fluid.

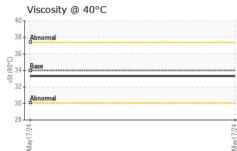
Fluid Condition

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

| SAMPLE INFOR | MATION | method | limit/base | current | history1 | history2 | | | |
|------------------|---|-------------|------------|-------------|----------|----------|--|--|--|
| Sample Number | | Client Info | | GFL0097842 | | | | | |
| Sample Date | | Client Info | | 17 May 2024 | | | | | |
| Machine Age | hrs | Client Info | | 0 | | | | | |
| Oil Age | hrs | Client Info | | 1100 | | | | | |
| Oil Changed | | Client Info | | N/A | | | | | |
| Sample Status | | | | NORMAL | | | | | |
| CONTAMINAT | ION | method | limit/base | current | history1 | history2 | | | |
| Water | | WC Method | >0.1 | NEG | | | | | |
| WEAR METAL | _S | method | limit/base | current | history1 | history2 | | | |
| Iron | ppm | ASTM D5185m | >220 | 33 | | | | | |
| Chromium | ppm | ASTM D5185m | >2 | 0 | | | | | |
| Nickel | ppm | ASTM D5185m | >5 | 0 | | | | | |
| Titanium | ppm | ASTM D5185m | | 0 | | | | | |
| Silver | ppm | ASTM D5185m | >5 | <1 | | | | | |
| Aluminum | ppm | ASTM D5185m | >75 | 10 | | | | | |
| Lead | ppm | ASTM D5185m | >95 | 5 | | | | | |
| Copper | ppm | ASTM D5185m | >60 | 15 | | | | | |
| Tin | ppm | ASTM D5185m | >10 | 2 | | | | | |
| Vanadium | ppm | ASTM D5185m | | <1 | | | | | |
| Cadmium | ppm | ASTM D5185m | | 0 | | | | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 | | | |
| Boron | ppm | ASTM D5185m | | 65 | | | | | |
| Barium | ppm | ASTM D5185m | | 0 | | | | | |
| Molybdenum | ppm | ASTM D5185m | | 2 | | | | | |
| Manganese | ppm | ASTM D5185m | | <1 | | | | | |
| Magnesium | ppm | ASTM D5185m | | 26 | | | | | |
| Calcium | ppm | ASTM D5185m | | 161 | | | | | |
| Phosphorus | ppm | ASTM D5185m | | 240 | | | | | |
| Zinc | ppm | ASTM D5185m | | 39 | | | | | |
| Sulfur | ppm | ASTM D5185m | | 1894 | | | | | |
| CONTAMINAN | NTS | method | limit/base | current | history1 | history2 | | | |
| Silicon | ppm | ASTM D5185m | >25 | 4 | | | | | |
| Sodium | ppm | ASTM D5185m | | 4 | | | | | |
| Potassium | ppm | ASTM D5185m | >20 | 0 | | | | | |
| 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 | | | | | |
| :00:02) Rev: 1 | Submitted By: Also GFL958,958A, 958B - Bryan Link | | | | | | | | |



OIL ANALYSIS REPORT



| | FLUID PROPE | ERTIES | method | limit/base | current | history1 | history2 |
|--------------------------|----------------------------------|-----------------------|-----------|----------------------|-----------|------------|---------------------------|
| | Visc @ 40°C | cSt | ASTM D445 | 34 | 33.3 | | |
| | SAMPLE IMAG | GES | method | limit/base | current | history1 | history2 |
| | | | | | | | |
| | Color | | | | no image | no image | no image |
| May17/24 - | | | | | | | |
| Ma | Bottom | | | | no image | no image | no image |
| | | | | | | | _ |
| | GRAPHS | | | | | | |
| | Ferrous Alloys | | | | | | |
| | 30 - nickel | | | | | | |
| | 25- | | | | | | |
| | 20- E | | | | | | |
| | 15- | | | | | | |
| | 10 | | | | | | |
| | 0 | | | | | | |
| | May17/24 | | | May17/24 | | | |
| | ≊ Non-ferrous Meta | ls | | W | | | |
| | 16 copper | | | | | | |
| | 14 | | | | | | |
| | 10- | | | | | | |
| | E 8- | | | | | | |
| | 4 | | | | | | |
| | 2- | | | | | | |
| | 01/24 0 | | | +7/24 | | | |
| | May17/24 | | | May17/24 | | | |
| | Viscosity @ 40°C | | | | | | |
| | 38 Abnormal | | | | | | |
| | 36 - | | | | | | |
| | G 35 - € 34 - Base | | | | | | |
| | で 第 33 32 | | | | | | |
| | 31 | | | | | | |
| | 30 - Abnormal | | | | | | |
| | May17/24 | | | May17/24 | | | |
| | Ma | | | Ma | | | |
| Laboratory | : WearCheck USA - 50 | ronmental - 958 - Tri | | | | | |
| Sample No. Lab Number | : GFL0097842 : 06188271 | Receiv Tester | | May 2024 May 2024 | | 1090 \ | V. Jefferson S Morton, |
| Unique Number | : 11045023 | Diagn | | May 2024 - W | les Davis | 0 | US 615 |
| L2367 Test Package | : FLEET contact Customer Serv | | | | | Con bli | tact: Bryan Li |



Report Id: GFL958 [WUSCAR] 06188271 (Generated: 05/24/2024 01:00:02) Rev: 1

Submitted By: Also GFL958,958A, 958B - Bryan Link

F: