

Machine Id
9103
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 | | GFL0117318 | GFL0077596 | GFL0052619 |
| Sample Date | | Client Info | | 11 Apr 2024 | 03 May 2023 | 21 Jun 2022 |
| Machine Age | hrs | Client Info | | 35818 | 34487 | 1384 |
| Oil Age | hrs | Client Info | | 0 | 2400 | 1384 |
| Filter Age | hrs | Client Info | | 0 | 2400 | 1384 |
| Oil Changed | | Client Info | | Changed | Changed | Changed |
| Filter Changed | | Client Info | | Changed | Changed | Changed |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|---------------|------|--------------|------|------|
| Iron | ppm | ASTM D5185(m) | >230 | 49 | 55 | 33 |
| Chromium | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185(m) | >5 | 0 | <1 | <1 |
| Titanium | ppm | ASTM D5185(m) | >2 | <1 | <1 | 0 |
| Silver | ppm | ASTM D5185(m) | >5 | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185(m) | >65 | 11 | 15 | 11 |
| Lead | ppm | ASTM D5185(m) | >55 | 4 | 11 | 9 |
| Copper | ppm | ASTM D5185(m) | >85 | 17 | 36 | 12 |
| Tin | ppm | ASTM D5185(m) | >5 | <1 | 2 | 1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| White Metal | scalar | Visual* | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE | NONE |

CONTAMINATION

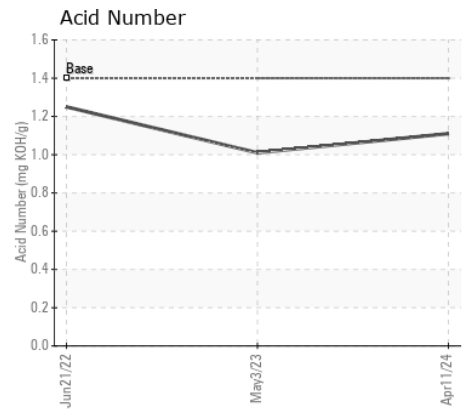
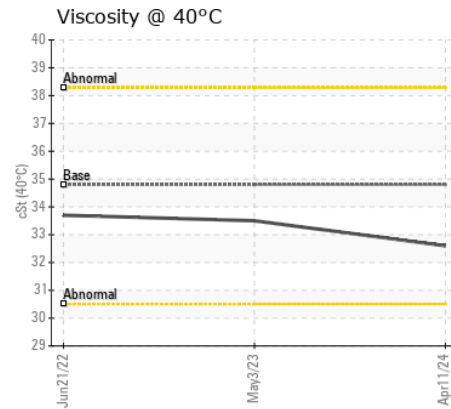
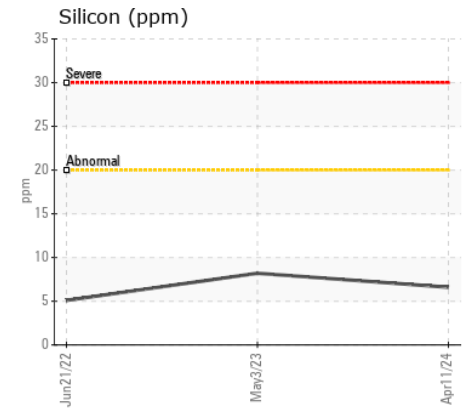
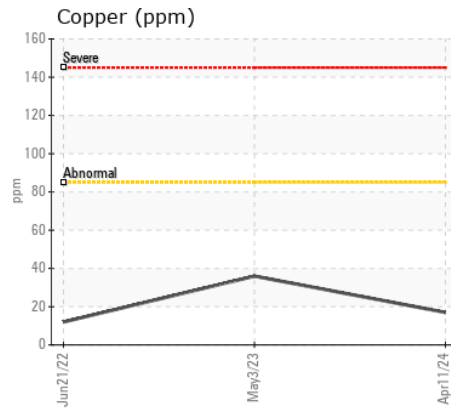
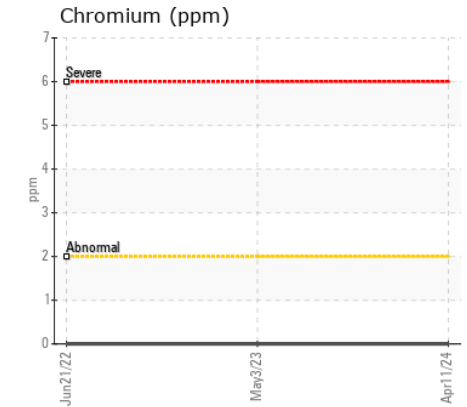
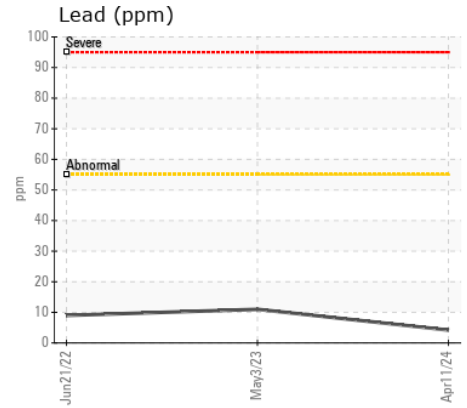
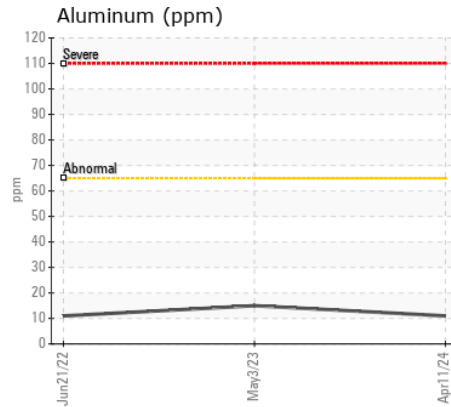
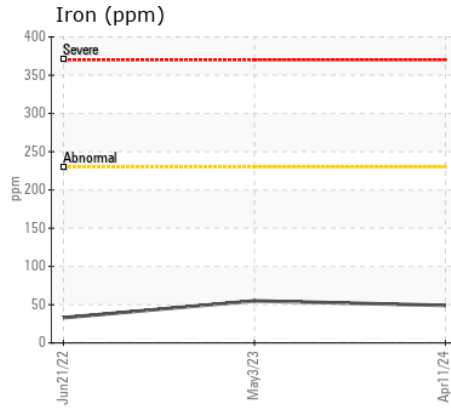
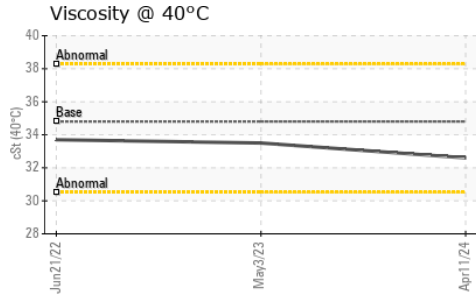
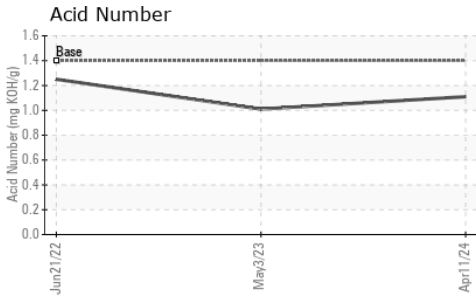
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|---------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185(m) | >20 | 7 | 8 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | <1 | 1 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| Silt | scalar | Visual* | NONE | NONE | NONE | NONE |
| Debris | scalar | Visual* | NONE | NONE | NONE | VLITE |
| 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 AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

| | | | | | | |
|------------------|----------|---------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 2 | 4 | 3 |
| Boron | ppm | ASTM D5185(m) | 78 | 66 | 60 | 95 |
| Barium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185(m) | 0 | 0 | <1 | 0 |
| Manganese | ppm | ASTM D5185(m) | | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185(m) | 0 | 3 | 2 | <1 |
| Calcium | ppm | ASTM D5185(m) | 113 | 113 | 98 | 94 |
| Phosphorus | ppm | ASTM D5185(m) | 222 | 217 | 266 | 244 |
| Zinc | ppm | ASTM D5185(m) | | 40 | 11 | 4 |
| Sulfur | ppm | ASTM D5185(m) | 1326 | 1278 | 1142 | 1162 |
| Acid Number (AN) | mg KOH/g | ASTM D974* | 1.4 | 1.11 | 1.01 | 1.25 |
| Visc @ 40°C | cSt | ASTM D7279(m) | 34.8 | 32.6 | 33.5 | 33.7 |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0117318 **Received** : 23 Apr 2024
Lab Number : 02631000 **Tested** : 23 Apr 2024
Unique Number : 5772153 **Diagnosed** : 23 Apr 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: TAN Man)

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 Rocky View County, AB
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To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.