

Area
Tractors
Machine Id
UTL004
Component
Transmission (Manual)
Fluid
PETRO CANADA DURATRAN (--- LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number | | Client Info | | PC0074919 | --- | --- |
| Sample Date | | Client Info | | 21 Dec 2023 | --- | --- |
| Machine Age | hrs | Client Info | | 8363 | --- | --- |
| Oil Age | hrs | Client Info | | 0 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | N/A | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|---------------|------|--------------|-----|-----|
| Iron | ppm | ASTM D5185(m) | >200 | 6 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >5 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >5 | 0 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | >7 | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >25 | 1 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >45 | <1 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >225 | 11 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| White Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

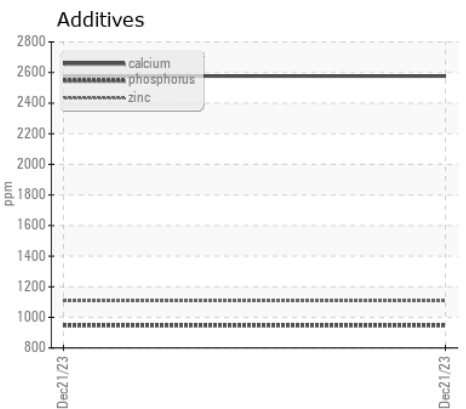
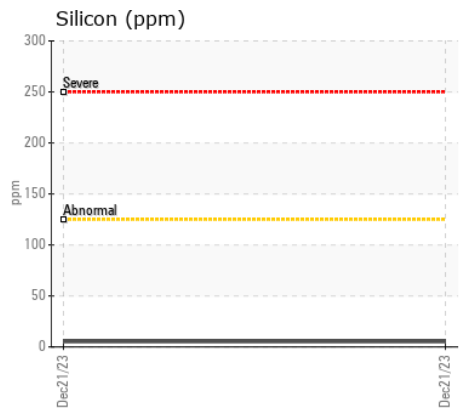
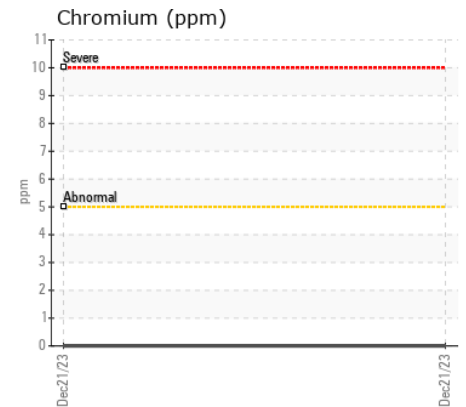
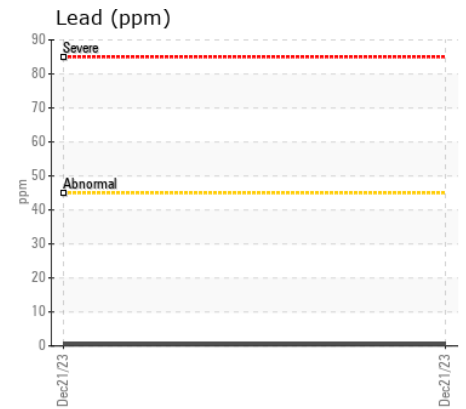
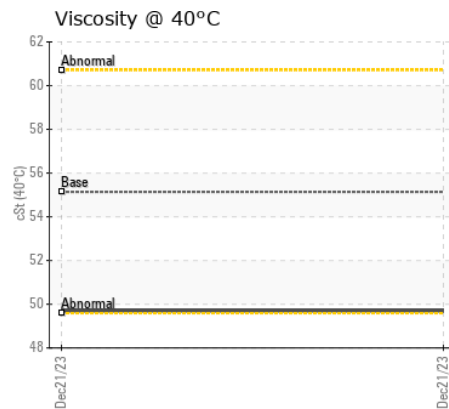
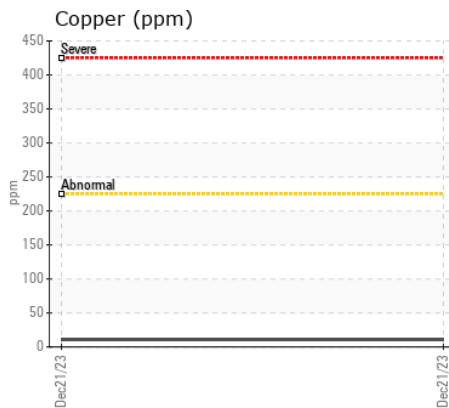
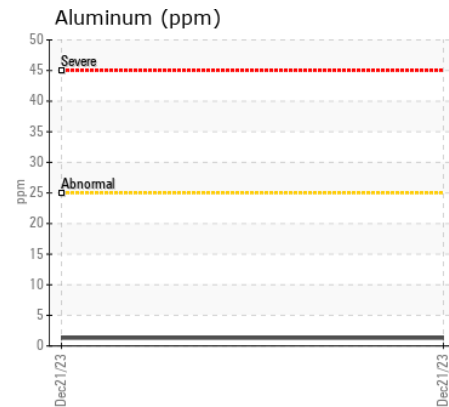
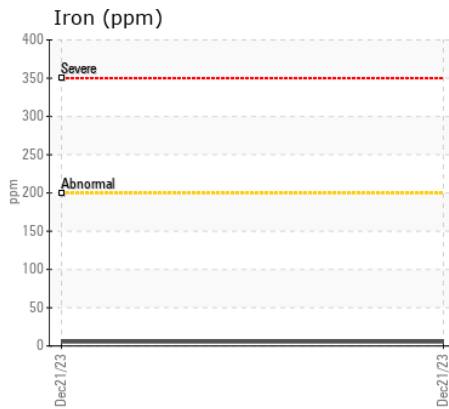
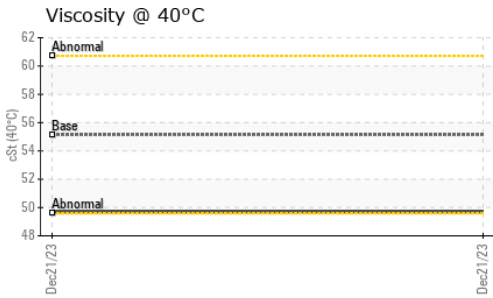
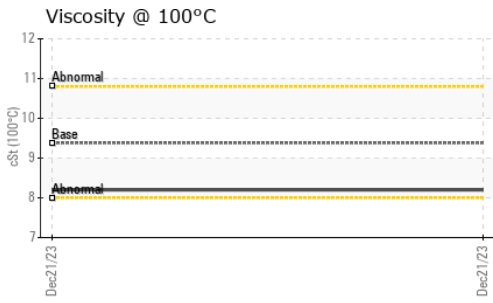
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|---------------|-------|--------------|-----|-----|
| Silicon | ppm | ASTM D5185(m) | >125 | 5 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 4 | --- | --- |
| Water | | WC Method | >0.1 | NEG | --- | --- |
| Silt | scalar | Visual* | NONE | NONE | --- | --- |
| Debris | scalar | Visual* | NONE | VLITE | --- | --- |
| Sand/Dirt | scalar | Visual* | NONE | NONE | --- | --- |
| Appearance | scalar | Visual* | NORML | NORML | --- | --- |
| Odor | scalar | Visual* | NORML | NORML | --- | --- |
| Emulsified Water | scalar | Visual* | >0.1 | NEG | --- | --- |

FLUID CONDITION

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

| | | | | | | |
|----------------------|-------|---------------|-------|-------------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | | 1 | --- | --- |
| Boron | ppm | ASTM D5185(m) | 110 | 28 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 0.0 | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | 0.0 | 0 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | 1 | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | 13 | 11 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 3610 | 2577 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 1192 | 947 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 1455 | 1107 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 2641 | 2712 | --- | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 55.14 | 49.7 | --- | --- |
| Visc @ 100°C | cSt | ASTM D7279(m) | 9.38 | 8.2 | --- | --- |
| Viscosity Index (VI) | Scale | ASTM D2270* | 153 | 137 | --- | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0074919 **Received** : 11 Jan 2024
Lab Number : 02608241 **Diagnosed** : 11 Jan 2024
Unique Number : 5709327 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, VI)

Lakeshore Gold Timmins West

Timmins, ON
CA

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T: (705)269-4344

F:

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.