FLEET LUBE 360 OIL DIAGNOSTICS

# OIL ANALYSIS REPORT

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

Machine Id
**433003**
Component
**Transmission (Auto)**
Fluid
**PETRO CANADA DuraDrive HD Synthetic 668 (--- LTR)**

## RECOMMENDATION

Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

## CONTAMINATION

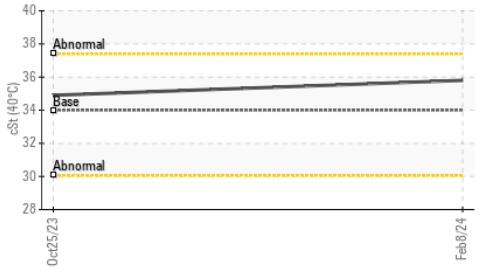
There is no indication of any contamination in the fluid.

## FLUID CONDITION

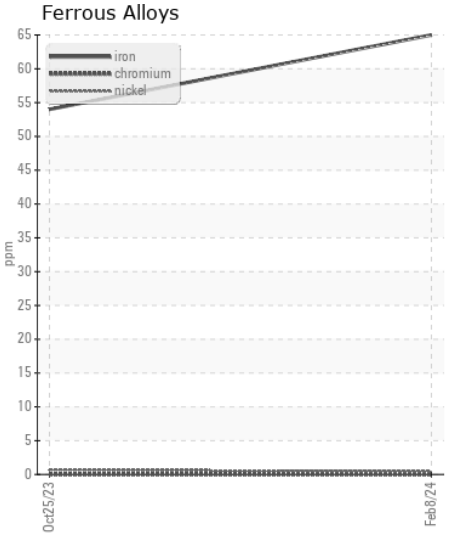
The condition of the fluid is acceptable for the time in service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---|---|---|---|---|---|---|
| Sample Number | | Client Info | | GFL0109835 | GFL0095100 | --- |
| Sample Date | | Client Info | | 08 Feb 2024 | 25 Oct 2023 | --- |
| Machine Age | hrs | Client Info | | 2408 | 1275 | --- |
| Oil Age | hrs | Client Info | | 2408 | 1275 | --- |
| Filter Age | hrs | Client Info | | 1200 | 1275 | --- |
| Oil Changed | | Client Info | | Not Changd | Not Changd | --- |
| Filter Changed | | Client Info | | Changed | Changed | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |
| Iron | ppm | ASTM D5185m | >160 | 65 | 54 | --- |
| Chromium | ppm | ASTM D5185m | >5 | 0 | 0 | --- |
| Nickel | ppm | ASTM D5185m | >5 | <1 | <1 | --- |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | --- |
| Silver | ppm | ASTM D5185m | >5 | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >50 | 11 | 7 | --- |
| Lead | ppm | ASTM D5185m | >50 | 30 | 12 | --- |
| Copper | ppm | ASTM D5185m | >225 | 10 | 7 | --- |
| Tin | ppm | ASTM D5185m | >10 | 2 | 1 | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | --- |
| White Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Silicon | ppm | ASTM D5185m | >20 | 4 | 3 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 3 | 4 | --- |
| Water | | WC Method | >0.1 | NEG | NEG | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | LIGHT | NONE | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | --- |
| Appearance | scalar | *Visual | NORML | NORML | NORML | --- |
| Odor | scalar | *Visual | NORML | NORML | NORML | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | NEG | --- |
| Sodium | ppm | ASTM D5185m | | 4 | 6 | --- |
| Boron | ppm | ASTM D5185m | | 88 | 96 | --- |
| Barium | ppm | ASTM D5185m | | <1 | 0 | --- |
| Molybdenum | ppm | ASTM D5185m | | <1 | 0 | --- |
| Manganese | ppm | ASTM D5185m | | 2 | 2 | --- |
| Magnesium | ppm | ASTM D5185m | | 0 | 11 | --- |
| Calcium | ppm | ASTM D5185m | | 146 | 60 | --- |
| Phosphorus | ppm | ASTM D5185m | | 247 | 247 | --- |
| Zinc | ppm | ASTM D5185m | | 20 | 0 | --- |
| Sulfur | ppm | ASTM D5185m | | 1284 | 1145 | --- |
| Visc @ 40°C | cSt | ASTM D445 | 34 | 35.8 | 34.9 | --- |

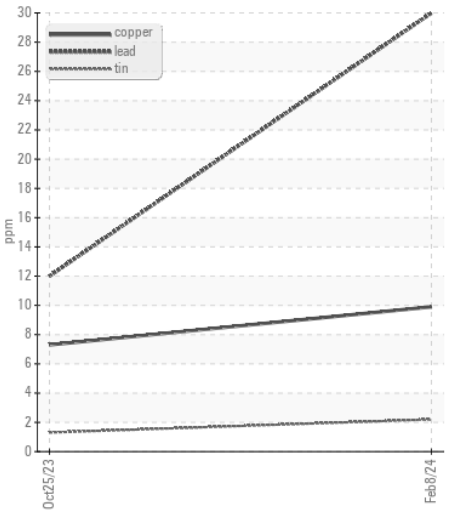
Viscosity @ 40°C



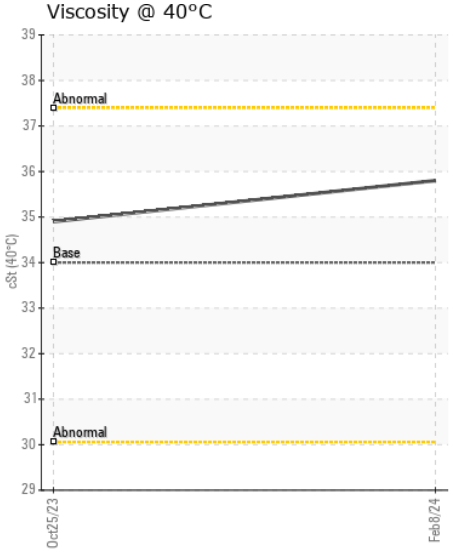

Ferrous Alloys




Non-ferrous Metals




Viscosity @ 40°C




Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513
**Sample No.** : GFL0109835
**Lab Number** : 06087814
**Unique Number** : 10875259
**Test Package** : FLEET

**Received** : 13 Feb 2024
**Tested** : 14 Feb 2024
**Diagnosed** : 14 Feb 2024 - Wes Davis

*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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