



Machine Id

0150

Component

Rear Left Transmission (Auto)

Fluid

PETRO CANADA DuraDrive HD Synthetic 668 (22 LTR)

RECOMMENDATION

We advise that you check for the source of the coolant leak. The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

CONTAMINATION

Test for glycol is positive. There is a light concentration of glycol present in the fluid.

FLUID CONDITION

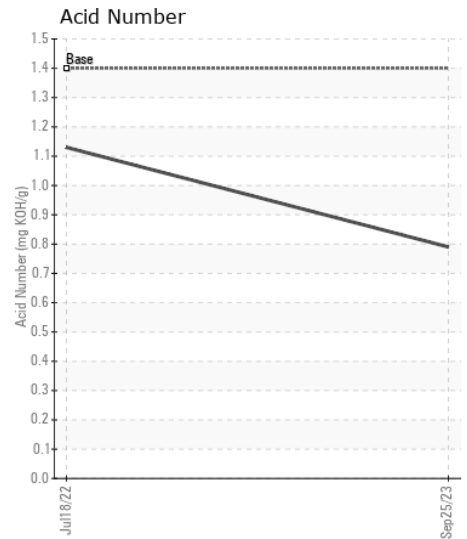
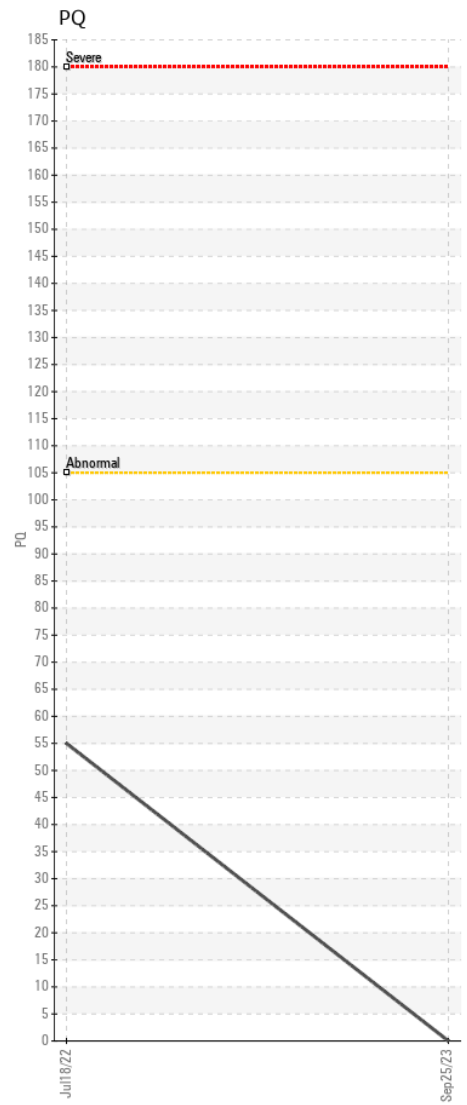
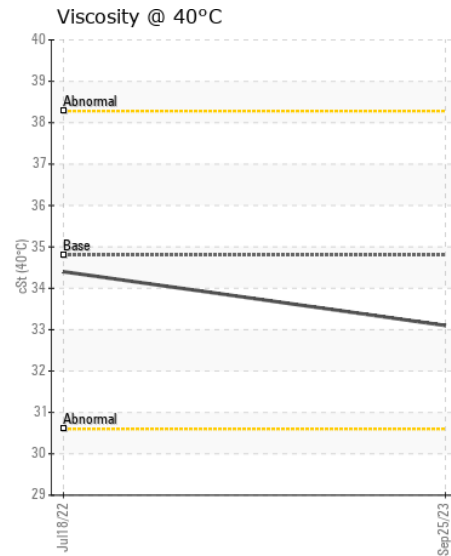
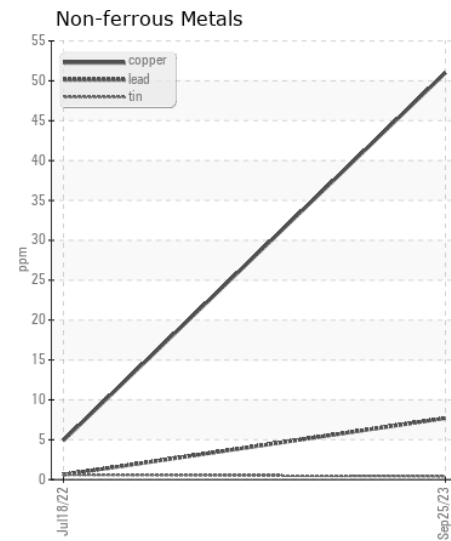
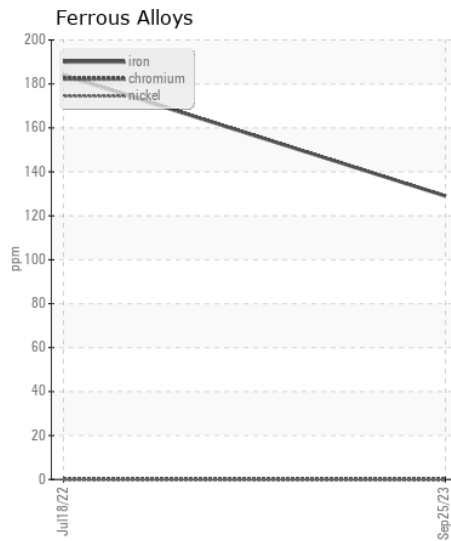
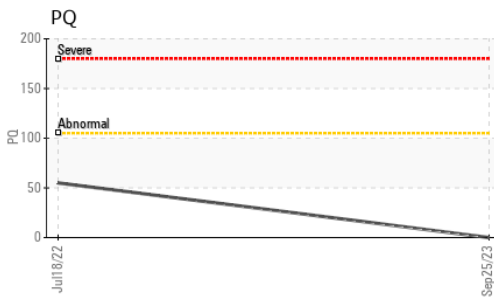
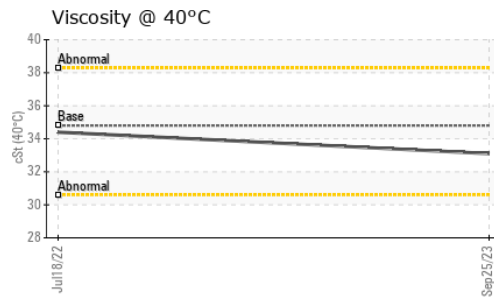
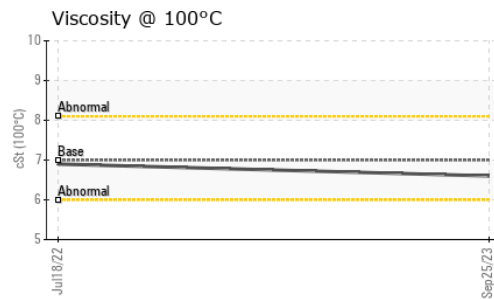
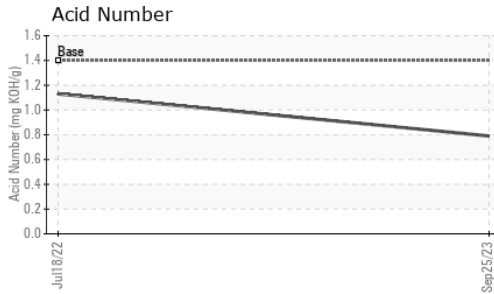
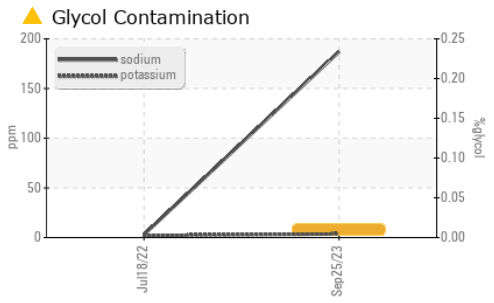
The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service. The fluid is no longer serviceable due to the presence of contaminants.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | PC0062034 | PC0052691 | --- |
| Sample Date | | Client Info | | 25 Sep 2023 | 18 Jul 2022 | --- |
| Machine Age | kms | Client Info | | 1085882 | 1030822 | --- |
| Oil Age | kms | Client Info | | 54984 | 50233 | --- |
| Filter Age | kms | Client Info | | 54984 | 50233 | --- |
| Oil Changed | | Client Info | | Changed | Changed | --- |
| Filter Changed | | Client Info | | Changed | Changed | --- |
| Sample Status | | | | ATTENTION | NORMAL | --- |

| | | | | | | |
|--------------|--------|---------------|------|--------------|------|-----|
| PQ | | ASTM D8184* | >105 | 0 | 55 | --- |
| Iron | ppm | ASTM D5185(m) | >230 | 129 | 184 | --- |
| Chromium | ppm | ASTM D5185(m) | >2 | 0 | <1 | --- |
| Nickel | ppm | ASTM D5185(m) | >5 | 0 | 0 | --- |
| Titanium | ppm | ASTM D5185(m) | >2 | 0 | 0 | --- |
| Silver | ppm | ASTM D5185(m) | >5 | <1 | 0 | --- |
| Aluminum | ppm | ASTM D5185(m) | >65 | 5 | 9 | --- |
| Lead | ppm | ASTM D5185(m) | >55 | 8 | <1 | --- |
| Copper | ppm | ASTM D5185(m) | >85 | 51 | 5 | --- |
| Tin | ppm | ASTM D5185(m) | >5 | <1 | <1 | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| White Metal | scalar | Visual* | NONE | VLITE | NONE | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE | --- |

| | | | | | | |
|------------------|--------|---------------|-------|----------------|-------|-----|
| Silicon | ppm | ASTM D5185(m) | >20 | 5 | 5 | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 4 | 2 | --- |
| Water | | WC Method | >0.1 | NEG | NEG | --- |
| Glycol | % | ASTM D7922* | | ▲ 0.017 | --- | --- |
| Silt | scalar | Visual* | NONE | NONE | LIGHT | --- |
| Debris | scalar | Visual* | NONE | NONE | 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 D5185(m) | | ▲ 187 | 3 | --- |
| Boron | ppm | ASTM D5185(m) | 78 | 15 | 72 | --- |
| Barium | ppm | ASTM D5185(m) | | <1 | 0 | --- |
| Molybdenum | ppm | ASTM D5185(m) | 0 | 6 | 0 | --- |
| Manganese | ppm | ASTM D5185(m) | | 2 | 3 | --- |
| Magnesium | ppm | ASTM D5185(m) | 0 | 1 | <1 | --- |
| Calcium | ppm | ASTM D5185(m) | 113 | 113 | 79 | --- |
| Phosphorus | ppm | ASTM D5185(m) | 222 | 203 | 187 | --- |
| Zinc | ppm | ASTM D5185(m) | | 12 | 5 | --- |
| Sulfur | ppm | ASTM D5185(m) | 1326 | 1569 | 2032 | --- |
| Acid Number (AN) | mg KOH/g | ASTM D974* | 1.4 | 0.79 | 1.13 | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 34.8 | 33.1 | 34.4 | --- |
| Visc @ 100°C | cSt | ASTM D7279(m) | 7.0 | 6.6 | 6.9 | --- |
| Viscosity Index (VI) | Scale | ASTM D2270* | 167 | 159 | 165 | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0062034 **Received** : 11 Oct 2023
Lab Number : 02588314 **Diagnosed** : 12 Oct 2023
Unique Number : 5657380 **Diagnostician** : Wes Davis
Test Package : IND 2 (Additional Tests: Glycol, KV100, TAN Man, VI)

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.

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