



RAPPORT D'ANALYSE D'HUILE

| | |
|----------------|---------------|
| USURE | NORMAL |
| CONTAMINATION | NORMAL |
| ÉTAT DU FLUIDE | NORMAL |

Secteur

3000 series

Identité de la machine

Navistar 3263

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 10W30 (26 LTR)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant. | | Client Info | | WC0877569 | WC0709074 | WC0633633 |
| Date d'échant. | | Client Info | | 21 Nov 2023 | 29 Jul 2022 | 18 Nov 2021 |
| Âge d la Machine | mls | Client Info | | 171934 | 140478 | 133033 |
| Âge de l'huile | mls | Client Info | | 15057 | 8006 | 9154 |
| Âge du filtre | mls | Client Info | | 15057 | 8006 | 9154 |
| Huile changée | | Client Info | | Changed | Changed | Changed |
| Filtre changé | | Client Info | | Changed | Changed | Changed |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

All component wear rates are normal.

| | | | | | | |
|-----------|-----|---------------|------|--------------|-----|----|
| Fer | ppm | ASTM D5185(m) | >100 | 35 | 26 | 23 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | <1 | 0 |
| Argent | ppm | ASTM D5185(m) | >3 | <1 | 0 | <1 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 10 | 10 | 8 |
| Plomb | ppm | ASTM D5185(m) | >40 | 0 | 3 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 6 | 128 | 2 |
| Étain | ppm | ASTM D5185(m) | >15 | 0 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

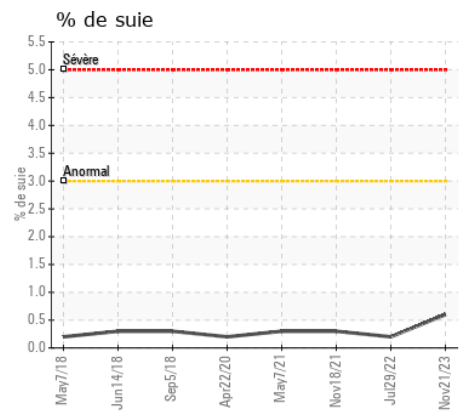
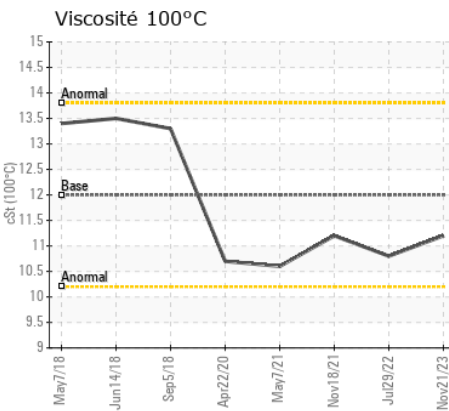
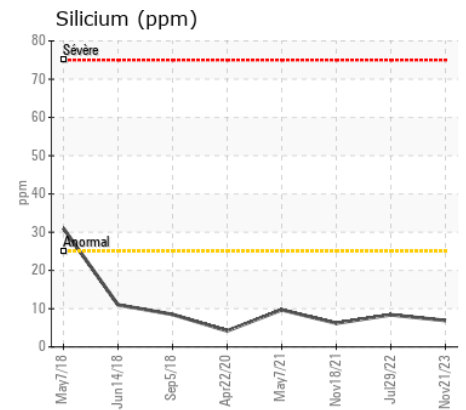
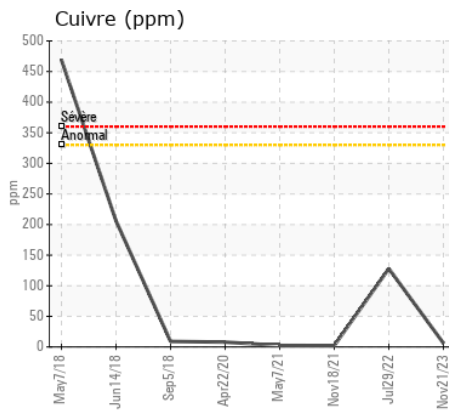
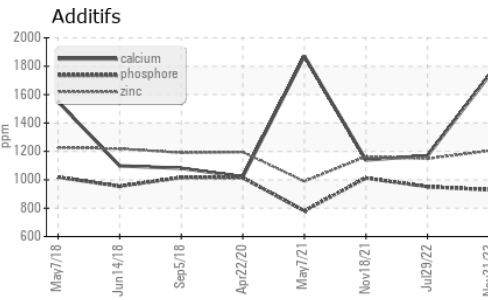
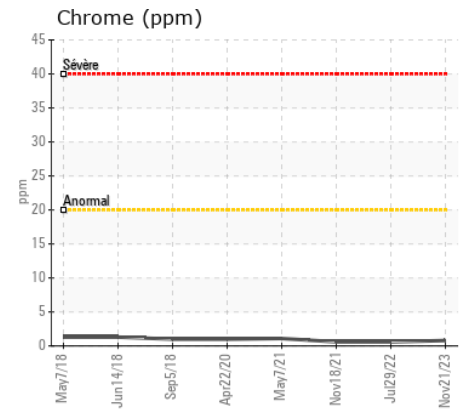
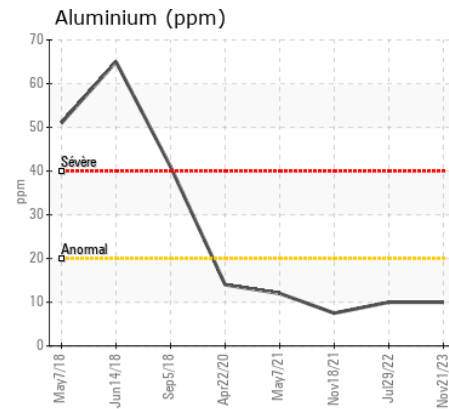
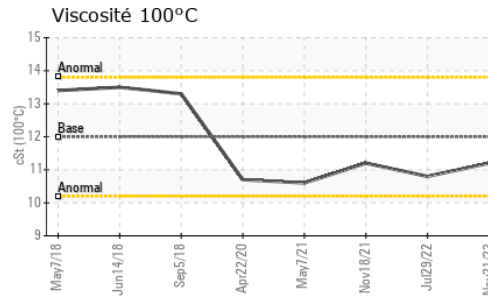
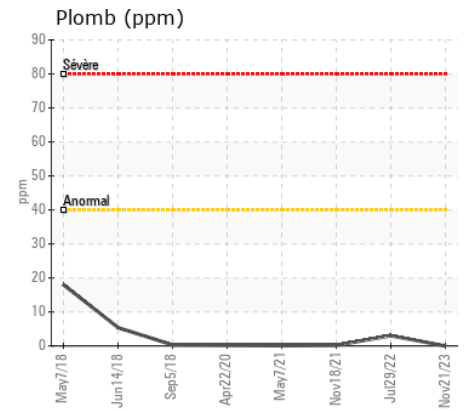
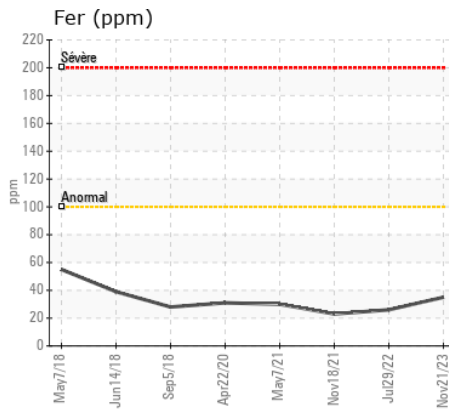
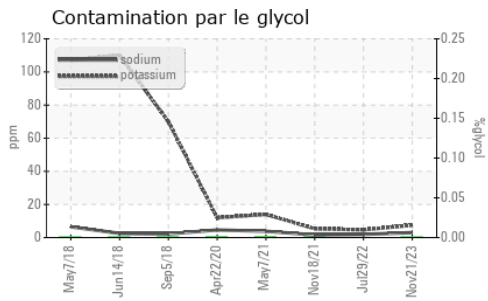
There is no indication of any contamination in the oil.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 7 | 8 | 6 |
| Potassium | ppm | ASTM D5185(m) | >20 | 8 | 5 | 5 |
| Essence | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| L'eau | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | % | ASTM D7922* | | 0.0 | NEG | 0.0 |
| % de suie | % | ASTM D7844* | >3 | 0.6 | 0.2 | 0.3 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 13.6 | 11.0 | 10.4 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 24.4 | 20.9 | 21.7 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

Additive levels indicate the addition of a different brand, or type of oil.
The condition of the oil is acceptable for the time in service.

| | | | | | | |
|------------|----------|---------------|-------|-------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 3 | 2 | 2 |
| Bore | ppm | ASTM D5185(m) | 2 | 19 | 4 | 6 |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 50 | 60 | 57 | 51 |
| Manganèse | ppm | ASTM D5185(m) | 0 | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 950 | 458 | 913 | 858 |
| Calcium | ppm | ASTM D5185(m) | 1050 | 1734 | 1170 | 1139 |
| Phosphore | ppm | ASTM D5185(m) | 995 | 930 | 951 | 1012 |
| Zinc | ppm | ASTM D5185(m) | 1180 | 1203 | 1148 | 1163 |
| Soufre | ppm | ASTM D5185(m) | 2600 | 2622 | 2442 | 2446 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 20.5 | 18.0 | 18.4 |
| Visc 100°C | cSt | ASTM D7279(m) | 12.00 | 11.2 | 10.8 | 11.2 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0877569
N° de laboratoire : 02598684
Numéro unique : 5683764
Analyse : MOB 1 (Additional Tests: Glycol)

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Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.