



Machine Id
FREIGHTLINER 801092
Component
Transmission (Auto)
Fluid
DEXRON III (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier tous les endroits par lesquels de la saleté peut pénétrer dans le système. Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqu que ce fluide est du (GENERIC) DEXRON III. Veuillez confirmer.

WEAR

Les taux d'usure de tous les autres composants sont normaux.

CONTAMINATION

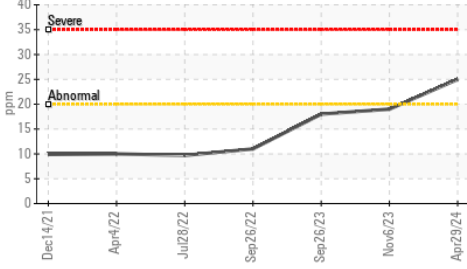
Les niveaux élémentaires de silicone (Si) et d'aluminium (Al) indiquent l'infiltration d'alumine-silicate (grosses particules de poussière).

FLUID CONDITION

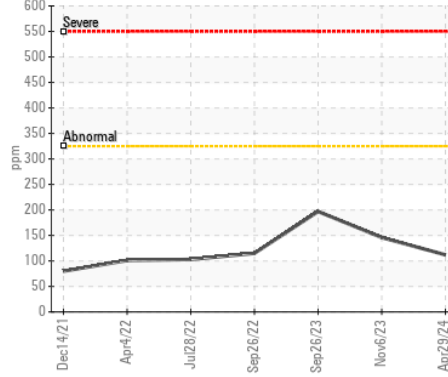
le fluide ne peut plus être utilisée en raison de la présence de contaminants.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------------|--------|---------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | PC0088247 | PC0077961 | PC0078098 |
| Sample Date | | Client Info | | 29 Apr 2024 | 06 Nov 2023 | 26 Sep 2023 |
| Machine Age | kms | Client Info | | 152740 | 142672 | 136804 |
| Oil Age | kms | Client Info | | 0 | 0 | 0 |
| Filter Age | kms | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | N/A | N/A | N/A |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | ABNORMAL | NORMAL | SEVERE |
| Iron | ppm | ASTM D5185(m) | >325 | 112 | 146 | 197 |
| Chromium | ppm | ASTM D5185(m) | >2 | 0 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >2 | 0 | <1 | <1 |
| Titanium | ppm | ASTM D5185(m) | >3 | <1 | 0 | 0 |
| Silver | ppm | ASTM D5185(m) | >5 | 0 | <1 | 0 |
| Aluminum | ppm | ASTM D5185(m) | >75 | 14 | 20 | 34 |
| Lead | ppm | ASTM D5185(m) | >40 | 3 | 6 | 12 |
| Copper | ppm | ASTM D5185(m) | >50 | 8 | 11 | 12 |
| Tin | ppm | ASTM D5185(m) | >10 | <1 | 1 | 2 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| White Metal | scalar | Visual* | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE | NONE |
| Silicon | ppm | ASTM D5185(m) | >20 | ▲ 25 | 19 | 18 |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | <1 | 2 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| Silt | scalar | Visual* | NONE | NONE | NONE | NONE |
| Debris | scalar | Visual* | NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | Visual* | NONE | VLITE | 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 |
| Sodium | ppm | ASTM D5185(m) | | 16 | 26 | 16 |
| Boron | ppm | ASTM D5185(m) | | 71 | 66 | 67 |
| Barium | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Manganese | ppm | ASTM D5185(m) | | <1 | <1 | 1 |
| Magnesium | ppm | ASTM D5185(m) | | 1 | 2 | 1 |
| Calcium | ppm | ASTM D5185(m) | | 117 | 113 | 112 |
| Phosphorus | ppm | ASTM D5185(m) | | 219 | 225 | 224 |
| Zinc | ppm | ASTM D5185(m) | | 7 | 11 | 12 |
| Sulfur | ppm | ASTM D5185(m) | | 1324 | 1211 | 1205 |
| Visc @ 40°C | cSt | ASTM D7279(m) | 26.0 | 33.0 | 34.0 | 35.2 |
| Visc @ 100°C | cSt | ASTM D7279(m) | 5.5 | 6.6 | 6.6 | 6.9 |
| Viscosity Index (VI) | Scale | ASTM D2270* | 155 | 160 | 153 | 160 |

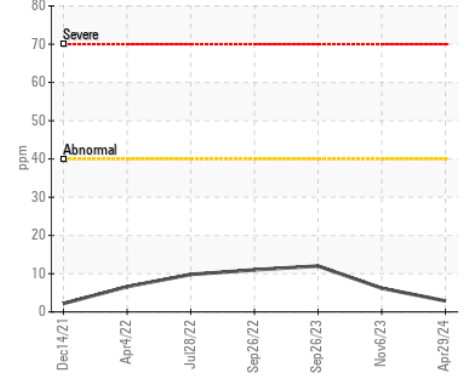
▲ Silicon (ppm)



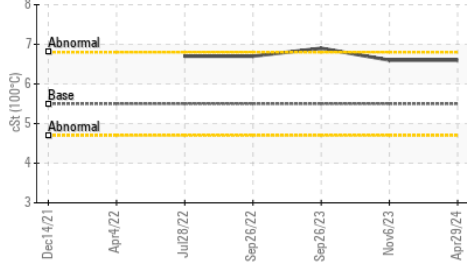
Iron (ppm)



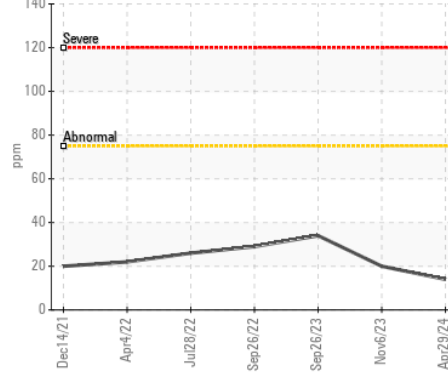
Lead (ppm)



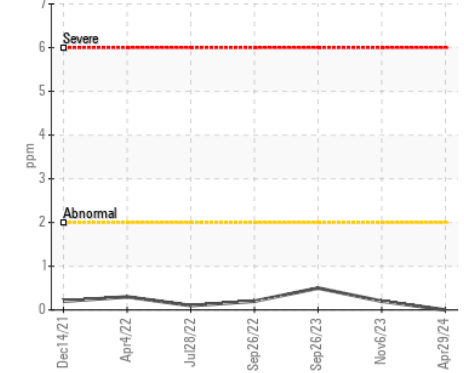
Viscosity @ 100°C



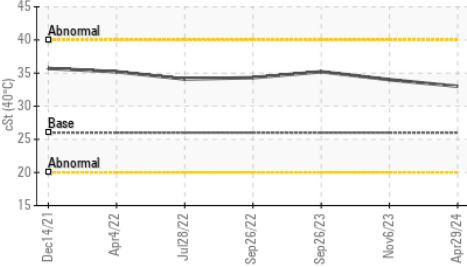
Aluminum (ppm)



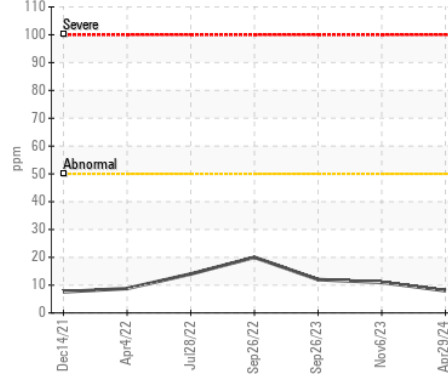
Chromium (ppm)



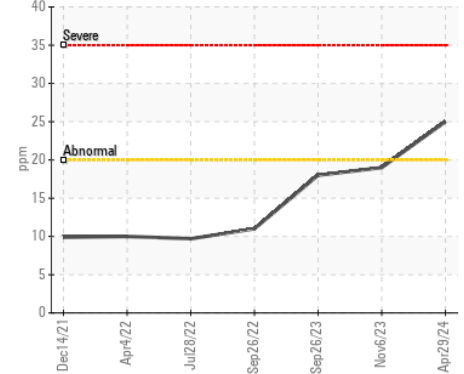
Viscosity @ 40°C



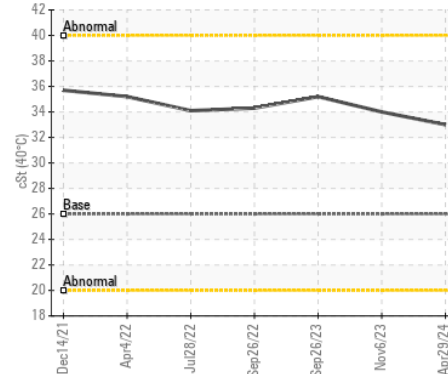
Copper (ppm)



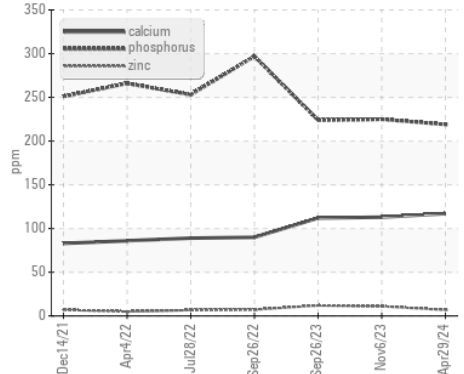
▲ Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088247
Lab Number : 02632606
Unique Number : 5773759
Test Package : MOB 1 (Additional Tests: KV100, VI)

Received : 01 May 2024
Tested : 01 May 2024
Diagnosed : 01 May 2024 - Kevin Marson

GFL Environmental - 737 - Quebec City Hauling
 6205 Boul. Wilfrid Hamel,
 Quebec City, QC
 CA G2E 5G8
 Contact: Dave Beaulieu
 davebeaulieu@matrec.ca

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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F: