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



Machine Id
NO UNIT PC0083983
Component
Diesel Engine
Fluid
KENDALL SUPER-D XA 10W30 (--- GAL)

RECOMMENDATION

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage.
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number | | Client Info | | PC0083983 | --- | --- |
| Sample Date | | Client Info | | 20 Feb 2024 | --- | --- |
| Machine Age | kms | Client Info | | 281806 | --- | --- |
| Oil Age | kms | Client Info | | 0 | --- | --- |
| Filter Age | kms | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | N/A | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

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

| | | | | | | |
|----------|-----|---------------|------|--------------|-----|-----|
| Iron | ppm | ASTM D5185(m) | >80 | 24 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >5 | 1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >2 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | >3 | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >30 | 3 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >30 | 2 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >150 | <1 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >5 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |

CONTAMINATION

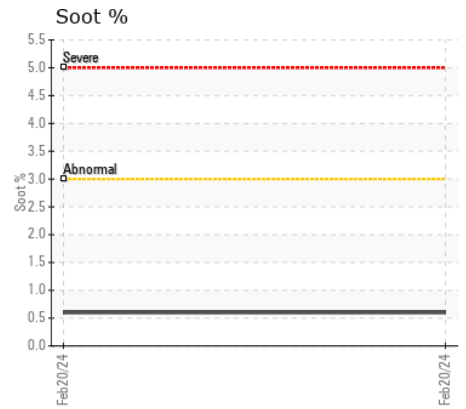
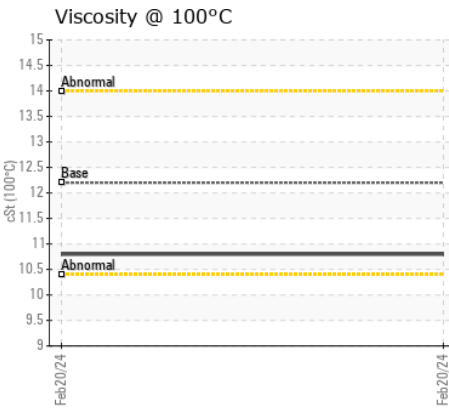
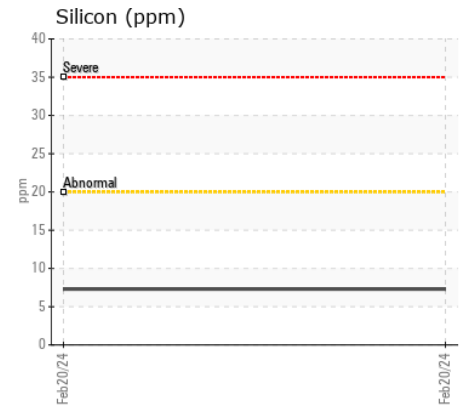
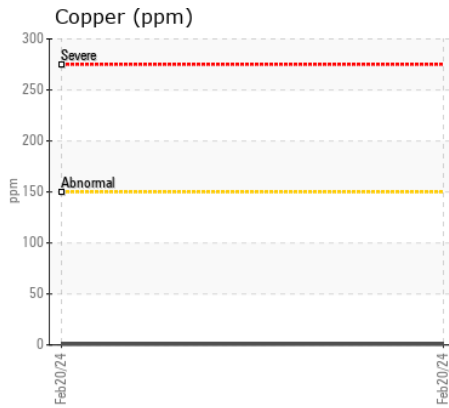
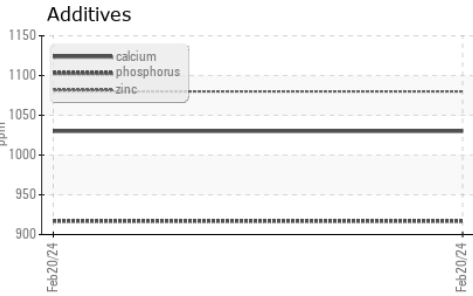
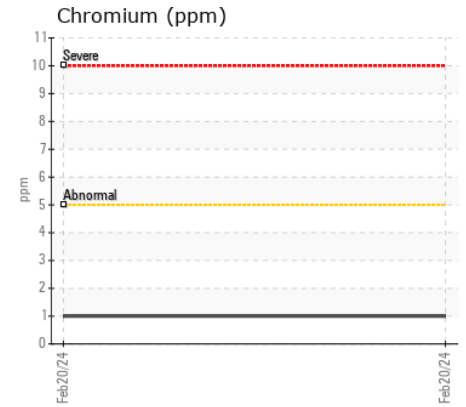
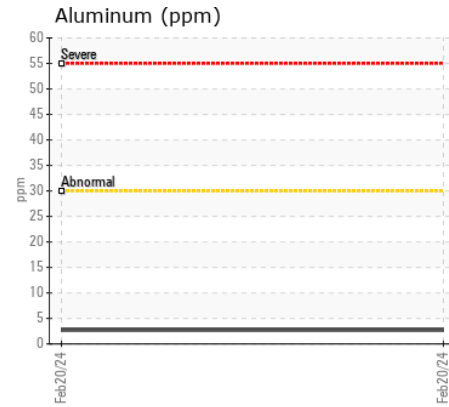
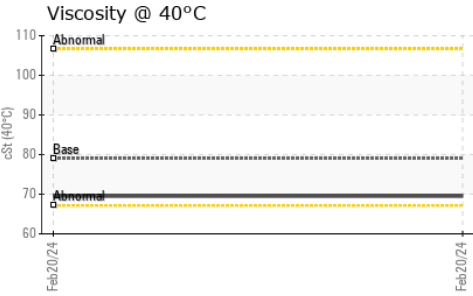
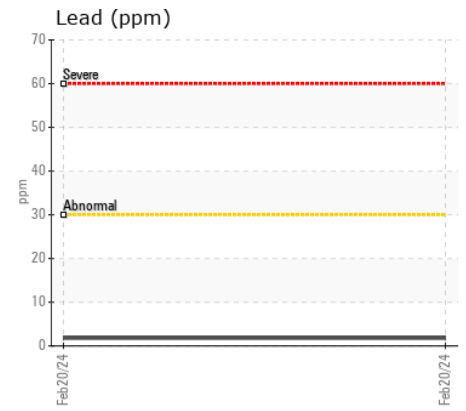
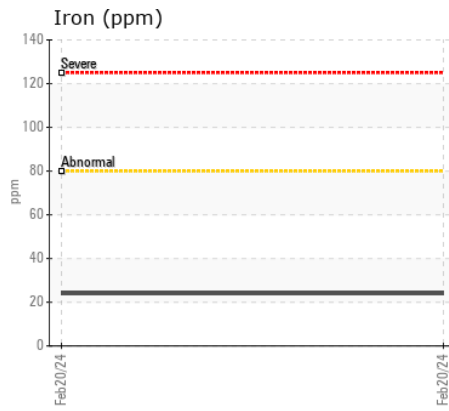
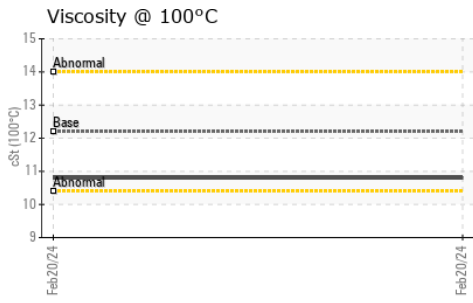
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|------------------|----------|---------------|------|----------------|-----|-----|
| Silicon | ppm | ASTM D5185(m) | >20 | 7 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 2 | --- | --- |
| Fuel | | WC Method | >5 | <1.0 | --- | --- |
| Water | | WC Method | >0.2 | NEG | --- | --- |
| Glycol | | WC Method | | NEG | --- | --- |
| Soot % | % | ASTM D7844* | >3 | 0.6 | --- | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 11.0 | --- | --- |
| Sulfation | Abs/.1mm | ASTM D7415* | >30 | 21.4 | --- | --- |
| Emulsified Water | scalar | Visual* | >0.2 | NEG | --- | --- |

FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

| | | | | | | |
|----------------------|----------|---------------|------|-------------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | | 2 | --- | --- |
| Boron | ppm | ASTM D5185(m) | | 7 | --- | --- |
| Barium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | | 52 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | | 868 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | | 1030 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | | 917 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 1260 | 1080 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | | 2500 | --- | --- |
| Oxidation | Abs/.1mm | ASTM D7414* | >25 | 20.0 | --- | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 79 | 69.5 | --- | --- |
| Visc @ 100°C | cSt | ASTM D7279(m) | 12.2 | 10.8 | --- | --- |
| Viscosity Index (VI) | Scale | ASTM D2270* | 144 | 144 | --- | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0083983
Lab Number : 02617963
Unique Number : 5735073
Test Package : MOB 1 (Additional Tests: KV40, VI)

GFL Environmental - 742 - Quebec City Solid Waste
 5160 Jean-Talon Pierre-Bertrand Bou
 Quebec City, QC
 CA G2J 1B7
 Contact: Dave
 davebeaulieu@gflenv.com

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: