



LIEBHERR

RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**



Identité de la machine

JOHN DEERE 744K 640548

Composant

Différentiel Arrière

Fluide

SHELL SPIRAX S4 TXM (--- GAL)

RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant. | | Client Info | | LH0224073 | LH0199368 | LH0191637 |
| Date d'échant. | | Client Info | | 29 Nov 2023 | 02 Mar 2023 | 21 Jun 2021 |
| Âge d la Machine | hrs | Client Info | | 33611 | 31579 | 27253 |
| Âge de l'huile | hrs | Client Info | | 0 | 0 | 0 |
| Âge du filtre | hrs | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | Changed | Changed | Changed |
| Filtre changé | | Client Info | | N/A | N/A | N/A |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-------------|--------|---------------|------|--------------|------|------|
| Fer | ppm | ASTM D5185(m) | >500 | 7 | 10 | 14 |
| Chrome | ppm | ASTM D5185(m) | >10 | 0 | 0 | <1 |
| Nickel | ppm | ASTM D5185(m) | >10 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | <1 | 0 |
| Argent | ppm | ASTM D5185(m) | | <1 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >25 | 1 | <1 | <1 |
| Plomb | ppm | ASTM D5185(m) | >25 | 4 | 5 | 4 |
| Cuivre | ppm | ASTM D5185(m) | >100 | 2 | 2 | 2 |
| Étain | ppm | ASTM D5185(m) | >10 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Métal blanc | scalar | Visual* | NONE | NONE | NONE | NONE |
| Bronze | scalar | Visual* | NONE | NONE | NONE | NONE |

CONTAMINATION

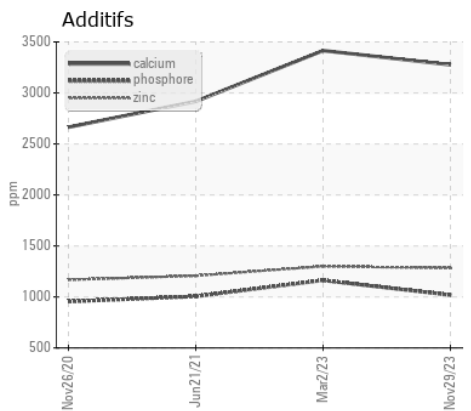
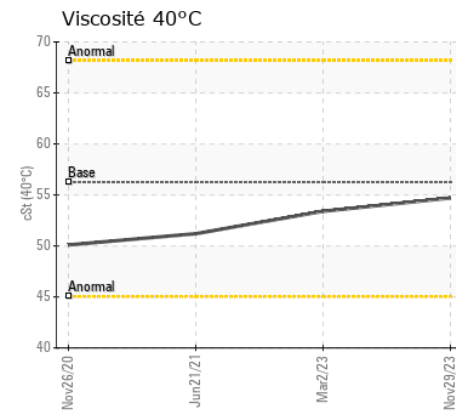
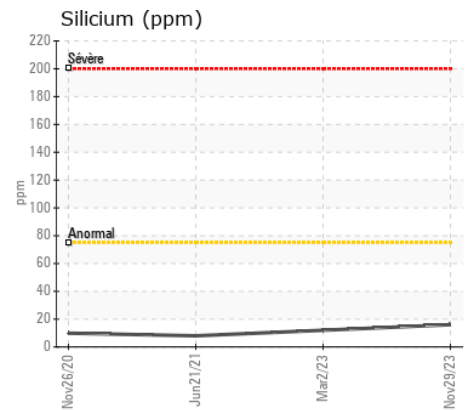
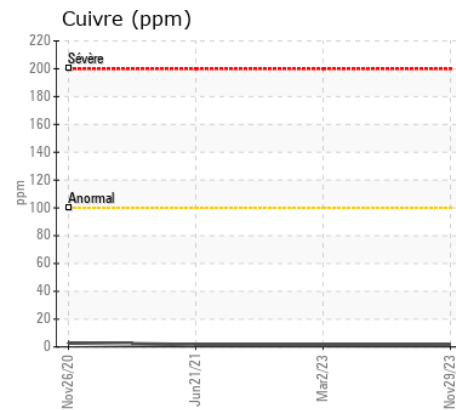
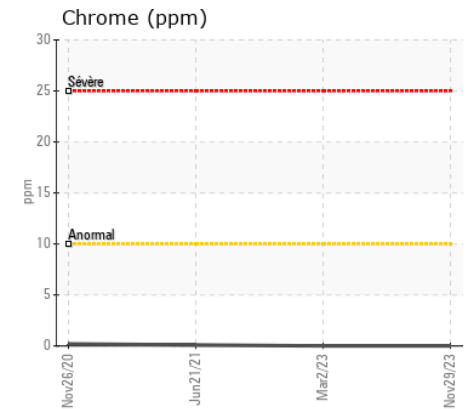
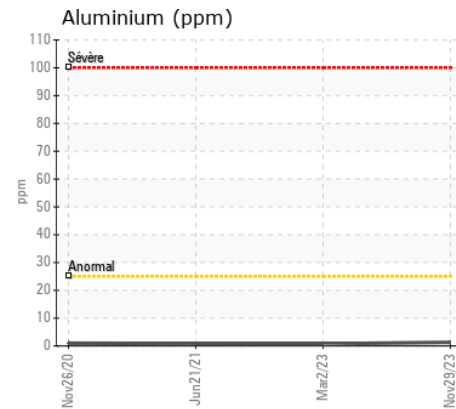
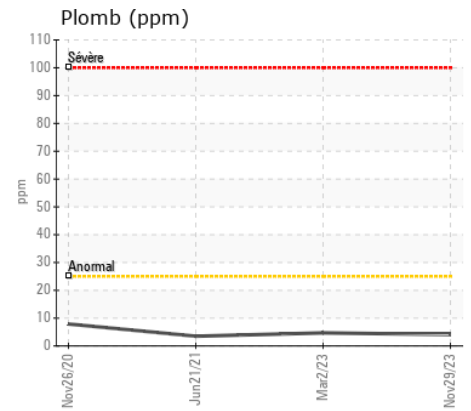
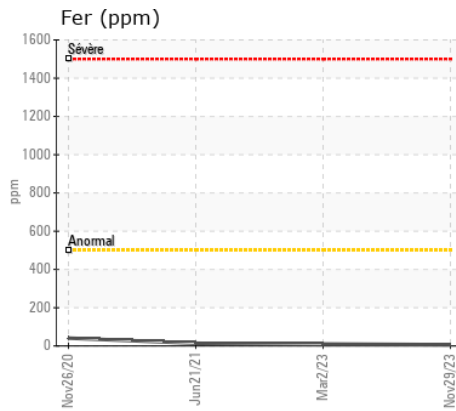
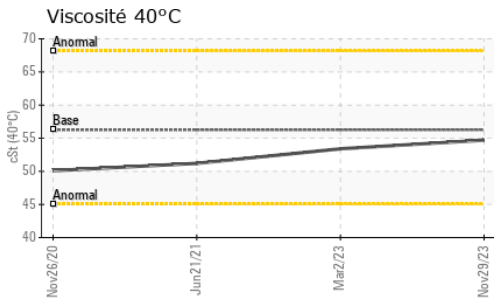
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|--------|---------------|-------|--------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >75 | 16 | 12 | 8 |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | <1 | 13 |
| L'eau | | WC Method | >.2 | NEG | NEG | NEG |
| Limon | scalar | Visual* | NONE | NONE | NONE | NONE |
| Débris | scalar | Visual* | NONE | NONE | NONE | NONE |
| Saleté | scalar | Visual* | NONE | NONE | NONE | NONE |
| Apparence | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odeur | scalar | Visual* | NORML | NORML | NORML | NORML |
| Eau émulsifiée | scalar | Visual* | >.2 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

| | | | | | | |
|-----------|-----|---------------|-------|--------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 2 | 2 | 9 |
| Bore | ppm | ASTM D5185(m) | 53 | 93 | 82 | 57 |
| Baryum | ppm | ASTM D5185(m) | 0.3 | <1 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 0.0 | 6 | 2 | 1 |
| Manganèse | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 7.0 | 44 | 17 | 14 |
| Calcium | ppm | ASTM D5185(m) | 2456 | 3276 | 3415 | 2917 |
| Phosphore | ppm | ASTM D5185(m) | 822 | 1019 | 1163 | 1005 |
| Zinc | ppm | ASTM D5185(m) | 988 | 1283 | 1300 | 1207 |
| Soufre | ppm | ASTM D5185(m) | 3794 | 3129 | 3132 | 2706 |
| Visc 40°C | cSt | ASTM D7279(m) | 56.26 | 54.7 | 53.4 | 51.2 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Cooperative Forestiere Du Haut ST-Maurice (CFHSM)
N° d'échantillon : LH0224073 **Reçu** : 08 Dec 2023 2399 Route 155 Sud
N° de laboratoire : 02601942 **Diagnostiqué** : 09 Dec 2023 La Tuque, QC
Numéro unique : 5695027 **Diagnostiqueur** : Wes Davis CA G9X 3N8
Analyse : MOB 1

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.

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