



LIEBHERR

RAPPORT D'ANALYSE D'HUILE

USURE

NORMAL

CONTAMINATION

NORMAL

ÉTAT DU FLUIDE

NORMAL



Identité de la machine

LIEBHERR L580 73441

Composant

Boîte de séparation

Fluid

LIEBHERR GEAR BASIC 90 LS (--- 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 | | LH0275828 | --- | --- |
| Date d'échant. | | Client Info | | 06 Dec 2023 | --- | --- |
| Âge d la Machine | hrs | Client Info | | 1043 | --- | --- |
| Âge de l'huile | hrs | Client Info | | 0 | --- | --- |
| Âge du filtre | hrs | Client Info | | 0 | --- | --- |
| Huile changée | | Client Info | | N/A | --- | --- |
| Filtre changé | | Client Info | | N/A | --- | --- |
| Statut de l'échant. | | | | NORMAL | --- | --- |

USURE

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

| | | | | | | |
|-------------|--------|---------------|------|--------------|-----|-----|
| Fer | ppm | ASTM D5185(m) | >100 | 26 | --- | --- |
| Chrome | ppm | ASTM D5185(m) | >5 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >5 | 1 | --- | --- |
| Titane | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Argent | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Aluminium | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |
| Plomb | ppm | ASTM D5185(m) | >30 | 0 | --- | --- |
| Cuivre | ppm | ASTM D5185(m) | >20 | 2 | --- | --- |
| Étain | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Métal blanc | scalar | Visual* | NONE | NONE | --- | --- |
| Bronze | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

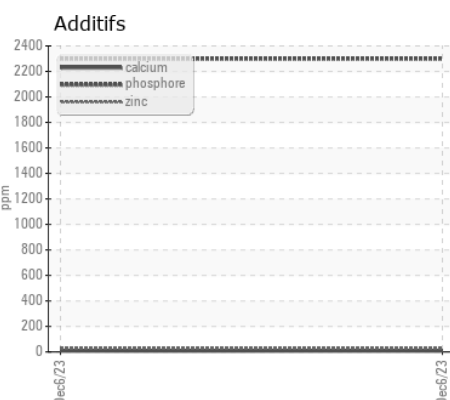
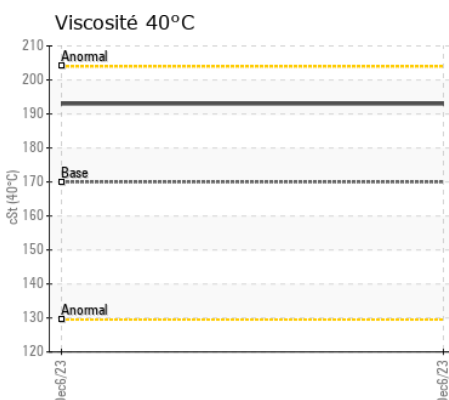
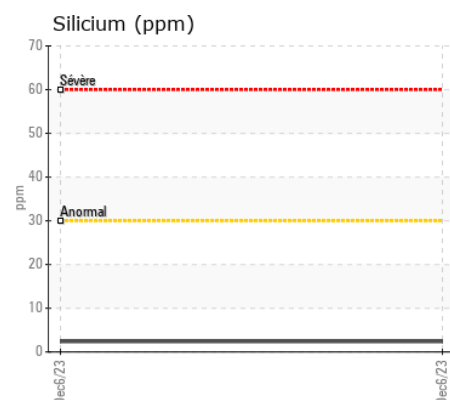
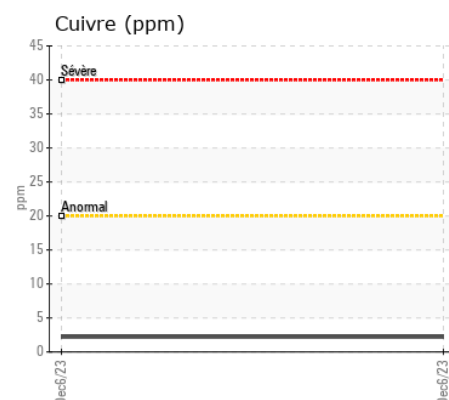
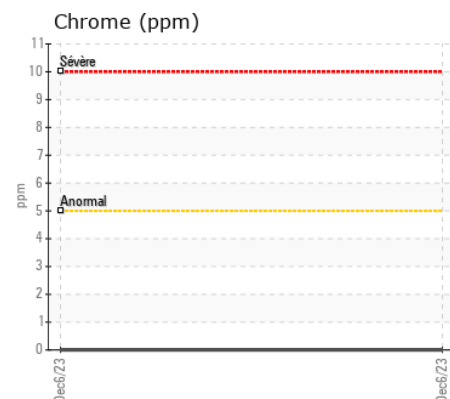
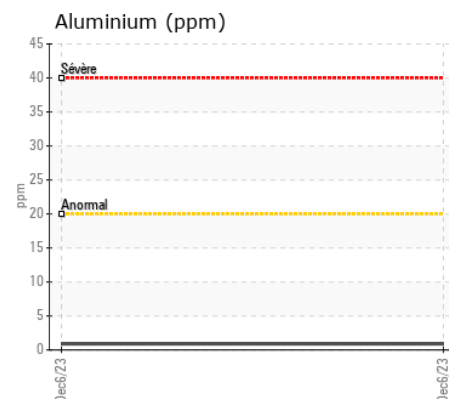
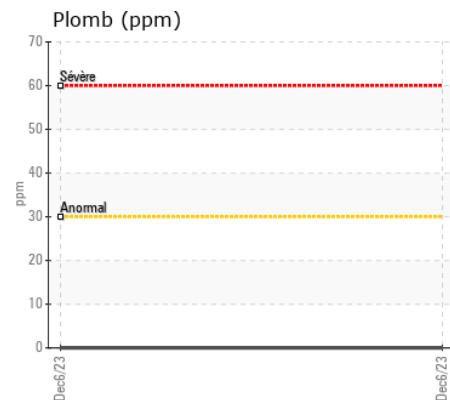
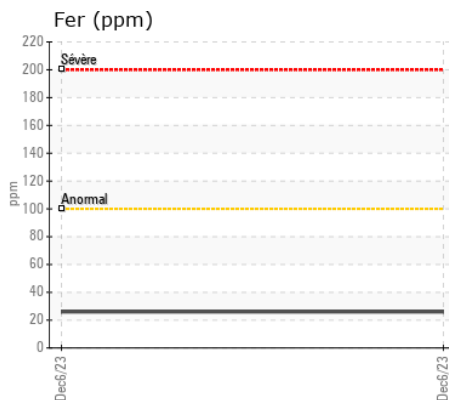
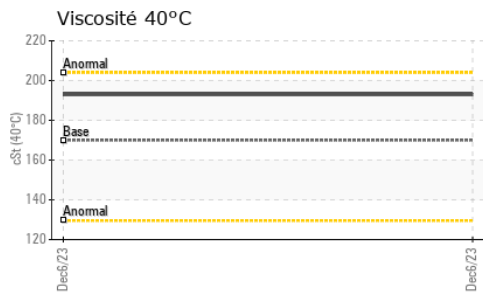
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|--------|---------------|-------|--------------|-----|-----|
| Silicium | ppm | ASTM D5185(m) | >30 | 2 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | --- | --- |
| L'eau | | WC Method | >0.1 | NEG | --- | --- |
| Limon | scalar | Visual* | NONE | NONE | --- | --- |
| Débris | scalar | Visual* | NONE | NONE | --- | --- |
| Saleté | scalar | Visual* | NONE | NONE | --- | --- |
| Apparence | scalar | Visual* | NORML | NORML | --- | --- |
| Odeur | scalar | Visual* | NORML | NORML | --- | --- |
| Eau émulsifiée | scalar | Visual* | >0.1 | NEG | --- | --- |

ÉTAT DU FLUIDE

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

| | | | | | | |
|-----------|-----|---------------|-------|--------------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | >25 | <1 | --- | --- |
| Bore | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Baryum | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Molybdène | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Manganèse | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | <1 | 4 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | <1 | 10 | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | 2143 | 2300 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | <1 | 26 | --- | --- |
| Soufre | ppm | ASTM D5185(m) | 23468 | 24368 | --- | --- |
| Visc 40°C | cSt | ASTM D7279(m) | 170 | 193 | --- | --- |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : LH0275828 **Reçu** : 15 Feb 2024
N° de laboratoire : 02616063 **Tested** : 15 Feb 2024
Numéro unique : 5733173 **Diagnostic** : 15 Feb 2024 - Wes Davis
Analyse : MOBCE (Additional Tests: Visual)

ArcelorMittal Mines Canada
 1000 Route 389, (Mont-Wright)
 Fermont, QC
 CA G0G 1J0
 Contact: Alexandre Lévesque
 alexandre.levesque@arcelormittal.com
 T: (418)287-4700
 F:

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.