



LIEBHERR

OIL ANALYSIS REPORT

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



Machine Id
28550
Component
Rear Right Wheel Hub
Fluid
SAE 75W90 (--- GAL)

RECOMMENDATION

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

WEAR

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

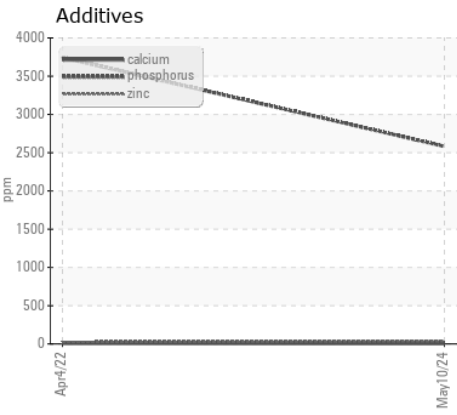
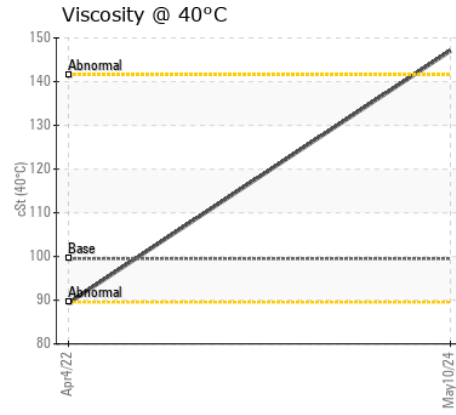
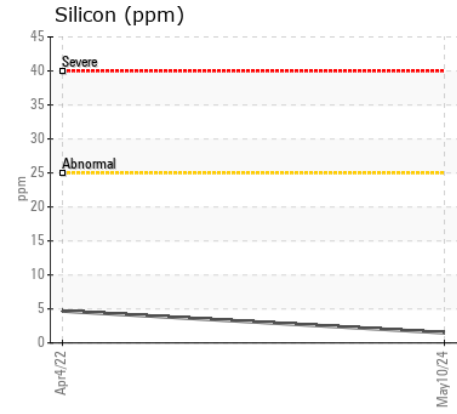
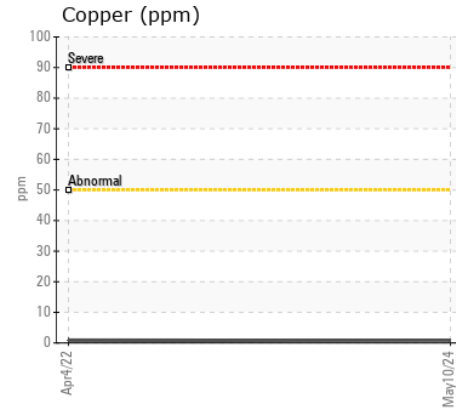
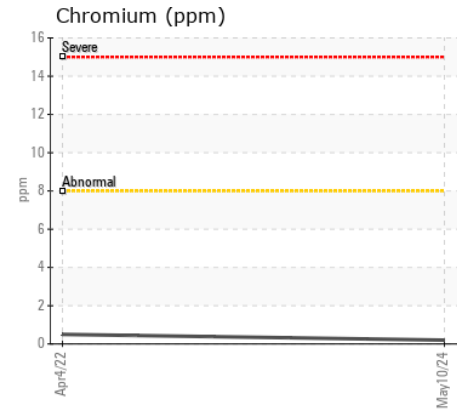
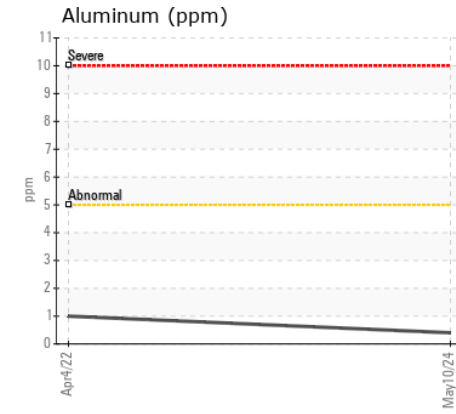
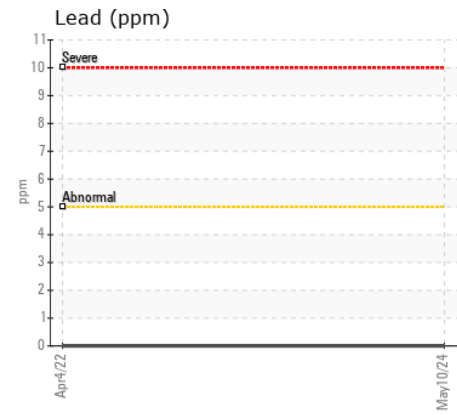
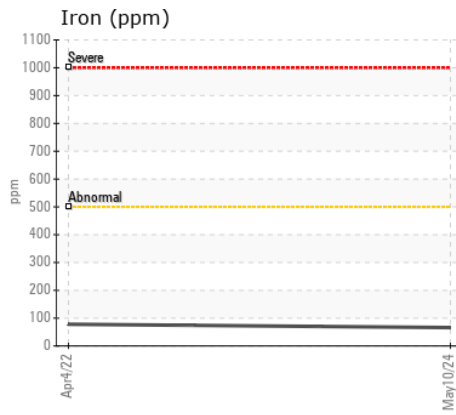
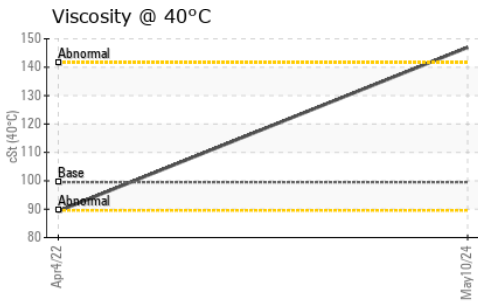
CONTAMINATION

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

FLUID CONDITION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--------|---------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | LH0289857 | LH0227204 | --- |
| Sample Date | | Client Info | | 10 May 2024 | 04 Apr 2022 | --- |
| Machine Age | hrs | Client Info | | 8963 | 8200 | --- |
| Oil Age | hrs | Client Info | | 0 | 0 | --- |
| Filter Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Changed | | Client Info | | Changed | Changed | --- |
| Filter Changed | | Client Info | | N/A | N/A | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |
| Iron | ppm | ASTM D5185(m) | >500 | 66 | 78 | --- |
| Chromium | ppm | ASTM D5185(m) | >8 | <1 | <1 | --- |
| Nickel | ppm | ASTM D5185(m) | >5 | 0 | <1 | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| Silver | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185(m) | >5 | <1 | 1 | --- |
| Lead | ppm | ASTM D5185(m) | >5 | 0 | 0 | --- |
| Copper | ppm | ASTM D5185(m) | >50 | <1 | <1 | --- |
| Tin | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| White Metal | scalar | Visual* | NONE | NONE | LIGHT | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | NONE | --- |
| Silicon | ppm | ASTM D5185(m) | >25 | 2 | 5 | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 6 | <1 | --- |
| Water | | WC Method | >0.2 | NEG | NEG | --- |
| Silt | scalar | Visual* | NONE | NONE | VLITE | --- |
| Debris | scalar | Visual* | NONE | VLITE | NONE | --- |
| Sand/Dirt | scalar | Visual* | NONE | NONE | NONE | --- |
| Appearance | scalar | Visual* | NORML | NORML | NORML | --- |
| Odor | scalar | Visual* | NORML | NORML | NORML | --- |
| Emulsified Water | scalar | Visual* | >0.2 | NEG | NEG | --- |
| Sodium | ppm | ASTM D5185(m) | | 6 | <1 | --- |
| Boron | ppm | ASTM D5185(m) | 150 | 78 | 300 | --- |
| Barium | ppm | ASTM D5185(m) | 5 | <1 | 0 | --- |
| Molybdenum | ppm | ASTM D5185(m) | 0 | 36 | 59 | --- |
| Manganese | ppm | ASTM D5185(m) | | <1 | 1 | --- |
| Magnesium | ppm | ASTM D5185(m) | 0 | <1 | 1 | --- |
| Calcium | ppm | ASTM D5185(m) | 20 | 8 | 11 | --- |
| Phosphorus | ppm | ASTM D5185(m) | 1200 | 2582 | 3746 | --- |
| Zinc | ppm | ASTM D5185(m) | 25 | 35 | 26 | --- |
| Sulfur | ppm | ASTM D5185(m) | 22000 | 29633 | 19978 | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 99.5 | 147 | 89.3 | --- |



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : LH0289857

Lab Number : 02635031

Unique Number : 5776184

Test Package : MOB 1

Received : 13 May 2024

Tested : 13 May 2024

Diagnosed : 13 May 2024 - Kevin Marson

American Iron and Metal

200 rue Nadon

Amos, QC

CA J9T 3A1

Contact: Service Manager

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.

T:

F: