

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 121164-1216 - Rear Left Wheel Hub

Sample No: LH0289780

Oil Type: LIEBHERR GEAR BASIC 90 LS



ACIER CENTURY INC
600 BERGE DU CANAL
LACHINE, QC
CA H8R 1H4
Contact: SERVICE



Information sur l'échantillon

| Numéro d'échant. | LH0289780 | LH0274286 | LH0235221 | LH |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 22 May 2024 | 02 Oct 2023 | 08 Nov 2022 | 04 Oct 2021 |
| Heures de la Machine | 5000 | 4259 | 3298 | 0 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Changed | Changed | Changed | Changed |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | NORMAL |



État d'huile

| Visc 40°C | cSt | 181 | 176 | 170 | 174 |
|-----------|-----|-----|-----|-----|-----|
| | | | | | |



Contamination

| Eau | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----|-----|-----|-----|
| Silicium | ppm | <1 | 2 | 4 | 9 |
| Sodium | ppm | 2 | 3 | 6 | 12 |
| Potassium | ppm | 0 | 0 | <1 | 2 |



Métaux d'usure

| | | | | | |
|-----------|-----|----|----|----|----|
| Fer | ppm | 16 | 17 | 28 | 56 |
| Cuivre | ppm | 6 | 10 | 15 | 31 |
| Plomb | ppm | 0 | <1 | <1 | 1 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | 0 | <1 | <1 | 1 |
| Chrome | ppm | 0 | 0 | 0 | <1 |
| Molybdène | ppm | 0 | 0 | 0 | <1 |
| Nickel | ppm | 0 | <1 | <1 | <1 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | 0 | <1 | 0 | 0 |
| Manganèse | ppm | <1 | 0 | 1 | 3 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



Additifs

| | | | | | |
|-----------|-----|------|------|------|------|
| Calcium | ppm | 5 | 8 | 24 | 37 |
| Magnésium | ppm | <1 | 0 | <1 | 2 |
| Zinc | ppm | 10 | 11 | 19 | 31 |
| Phosphore | ppm | 2102 | 2258 | 2392 | 2408 |
| Baryum | ppm | 0 | <1 | 0 | <1 |
| Bore | ppm | 1 | 1 | 3 | 5 |

T:
F:

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: ACILAC
Unique No: 5786415
Signed: Wes Davis
Report Date: 23 May 2024



Graphs

