

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362878)] LIEBHERR LH80M 135287-1218 - Front Right Wheel

Sample No: LH0284932

Oil Type: GEAR OIL SAE 75W90



INFORMATION SUR L'ÉCHANTILLON

| Número d'échant. | LH0284932 | LH0277411 | LH0274376 | LH0265828 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 08 Feb 2024 | 23 Oct 2023 | 05 Sep 2023 | 21 Jul 2023 |
| Heures de la Machine | 10128 | 8967 | 3998 | 7724 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Changed | Changed | Changed | Changed |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | NORMAL |

GERDAU AMERISTEEL

1 GERDAU COURT
WHITBY, ON
CA L1N 5T1

Contact: Tyson Young
tyoung@gerdauameristeel.com
T: (905)668-8811
F: (905)668-6469



ÉTAT D'HUILE

| Visc 40°C | cSt | 95.6 | 104 | 104 | 102 |
|-----------|-----|------|-----|-----|-----|
| | | | | | |



CONTAMINATION

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



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|----|----|----|----|
| Fer | ppm | 21 | 4 | 11 | 23 |
| Cuivre | ppm | 1 | 1 | 2 | 4 |
| Plomb | ppm | 0 | 0 | 0 | 0 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | <1 | 0 | <1 | <1 |
| Chrome | ppm | 0 | 0 | 0 | 0 |
| Molybdène | ppm | 0 | 0 | 0 | <1 |
| Nickel | ppm | <1 | 0 | 0 | 0 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | 0 | <1 | 0 | 0 |
| Manganèse | ppm | 0 | 0 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| | | | | | |
|-----------|-----|-----|------|------|------|
| Calcium | ppm | 12 | 12 | 21 | 47 |
| Magnésium | ppm | 1 | 2 | 1 | 2 |
| Zinc | ppm | 14 | 11 | 12 | 20 |
| Phosphore | ppm | 782 | 1269 | 1337 | 1364 |
| Baryum | ppm | 0 | 0 | 0 | 0 |
| Bore | ppm | 124 | 321 | 300 | 270 |

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: LAKWHI
Unique No: 5723806
Signed: Wes Davis
Report Date: 09 Feb 2024



GRAPHS

