

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362878)] LIEBHERR LH80M 135287-1218 - Front Differential

Sample No: LH0265830

Oil Type: GEAR OIL SAE 75W90



INFORMATION SUR L'ÉCHANTILLON

| Numéro d'échant. | LH0265830 | LH0261325 | LH0247379 | LH0239440 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 21 Jul 2023 | 18 Apr 2023 | 10 Jan 2023 | 02 Sep 2022 |
| Heures de la Machine | 7724 | 6397 | 5001 | 3175 |
| 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 | 107 | 96.2 | 96.6 | 103 |
|-----------|-----|-----|------|------|-----|
|-----------|-----|-----|------|------|-----|



CONTAMINATION

| Élément | Unité | 107 | 96.2 | 96.6 | 103 |
|-----------|-------|-----|------|------|-----|
| Silicium | ppm | 2 | 2 | 2 | 1 |
| Sodium | ppm | <1 | <1 | <1 | 1 |
| Potassium | ppm | <1 | <1 | <1 | 0 |



MÉTAUX D'USURE

| Élément | Unité | 107 | 96.2 | 96.6 | 103 |
|-----------|-------|-----|------|------|-----|
| Fer | ppm | 1 | 2 | 2 | 2 |
| Cuivre | ppm | <1 | <1 | <1 | 1 |
| Plomb | ppm | 0 | 0 | 0 | 0 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | <1 | <1 | 0 | <1 |
| Chrome | ppm | 0 | 0 | 0 | 0 |
| Molybdène | ppm | 0 | <1 | 0 | 0 |
| Nickel | ppm | 0 | <1 | <1 | 0 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | 0 | 0 | 0 | 0 |
| Manganèse | ppm | 0 | 0 | 0 | 0 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| Élément | Unité | 107 | 96.2 | 96.6 | 103 |
|-----------|-------|------|------|------|------|
| Calcium | ppm | 8 | 9 | 10 | 9 |
| Magnésium | ppm | 1 | 3 | 3 | 1 |
| Zinc | ppm | 8 | 10 | 11 | 7 |
| Phosphore | ppm | 1328 | 1335 | 1325 | 1353 |
| Baryum | ppm | 0 | 0 | 0 | <1 |
| Bore | ppm | 310 | 313 | 324 | 261 |

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: 5617525

Signed: Wes Davis

Report Date: 26 Jul 2023



GRAPHS

