

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(338032) [1]] LIEBHERR LH50M 126428-1216 - Rear Left Wheel

Sample No: LH0274490

Oil Type: GEAR OIL SAE 75W90



#### INFORMATION SUR L'ÉCHANTILLON

|                      |             |             |             |             |
|----------------------|-------------|-------------|-------------|-------------|
| Numéro d'échant.     | LH0274490   | LH0235032   | LH0230928   | LH          |
| Date d'échant.       | 16 Aug 2023 | 09 Nov 2022 | 24 Jun 2022 | 07 Feb 2022 |
| Heures de la Machine | 9184        | 6891        | 5729        | 4479        |
| Heures de l'huile    | 0           | 0           | 0           | 0           |
| Huile changée        | Changed     | Changed     | Changed     | Changed     |
| Statut de l'échant.  | NORMAL      | NORMAL      | NORMAL      | NORMAL      |

**COMBINED METAL INDUSTRIES**  
454 DOBBIE DRIVE  
CAMBRIDGE, ON  
CA N1T 1S7  
Contact: Service Manager



#### ÉTAT D'HUILE

|           |     |     |      |      |     |
|-----------|-----|-----|------|------|-----|
| Visc 40°C | cSt | 103 | 99.5 | 98.1 | 100 |
|-----------|-----|-----|------|------|-----|

T:  
F:



#### CONTAMINATION

|           |     |    |   |   |    |
|-----------|-----|----|---|---|----|
| Silicium  | ppm | 1  | 2 | 2 | 2  |
| Sodium    | ppm | <1 | 1 | 2 | <1 |
| Potassium | ppm | <1 | 0 | 2 | <1 |

#### 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.



#### MÉTAUX D'USURE

|           |     |    |    |    |    |
|-----------|-----|----|----|----|----|
| Fer       | ppm | 9  | 14 | 12 | 15 |
| Cuivre    | ppm | 9  | 22 | 17 | 24 |
| Plomb     | ppm | 0  | 1  | <1 | <1 |
| Étain     | ppm | 0  | 0  | 0  | <1 |
| Aluminium | ppm | <1 | <1 | <1 | <1 |
| Chrome    | ppm | 0  | 0  | 0  | 0  |
| Molybdène | ppm | 0  | 0  | 0  | 0  |
| Nickel    | ppm | 0  | 0  | <1 | 0  |
| Titane    | ppm | 0  | 0  | 0  | 0  |
| Argent    | ppm | 0  | 0  | <1 | 0  |
| Manganèse | ppm | <1 | <1 | <1 | <1 |
| Vanadium  | ppm | 0  | 0  | <1 | 0  |



#### ADDITIFS

|           |     |      |      |      |      |
|-----------|-----|------|------|------|------|
| Calcium   | ppm | 10   | 8    | 16   | 12   |
| Magnésium | ppm | 2    | <1   | 2    | 2    |
| Zinc      | ppm | 17   | 20   | 21   | 25   |
| Phosphore | ppm | 1311 | 1397 | 1224 | 1261 |
| Baryum    | ppm | 0    | 0    | 0    | 0    |
| Bore      | ppm | 311  | 271  | 312  | 320  |

Depot: COM454CAM  
Unique No: 5629590  
Signed: Wes Davis  
Report Date: 17 Aug 2023



### GRAPHS

