

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(357696)] LIEBHERR LH50M 133969-1216 - Front Left Wheel

Sample No: LH0286533

Oil Type: GEAR OIL SAE 90



#### INFORMATION SUR L'ÉCHANTILLON

|                      |             |             |     |     |
|----------------------|-------------|-------------|-----|-----|
| Numéro d'échant.     | LH0286533   | LH0230832   | --- | --- |
| Date d'échant.       | 04 Mar 2024 | 19 Aug 2022 | --- | --- |
| Heures de la Machine | 3503        | 1605        | --- | --- |
| Heures de l'huile    | 0           | 0           | --- | --- |
| Huile changée        | Changed     | Changed     | --- | --- |
| Statut de l'échant.  | ABNORMAL    | ABNORMAL    | --- | --- |

**PRIESTLY DEMOLITION**  
 3200 LLOYDTOWN AURORA RD  
 KING, ON  
 CA L0G 1J0  
 Contact: Krystal Breedeon  
 kbreedon@priestly.ca  
 T:  
 F:



#### ÉTAT D'HUILE

|           |     |       |      |     |     |
|-----------|-----|-------|------|-----|-----|
| Visc 40°C | cSt | ● 109 | 92.2 | --- | --- |
|-----------|-----|-------|------|-----|-----|



#### CONTAMINATION

|           |     |      |      |     |     |
|-----------|-----|------|------|-----|-----|
| Eau       | %   | NEG  | NEG  | --- | --- |
| Silicium  | ppm | ● 21 | ● 4  | --- | --- |
| Sodium    | ppm | ● 8  | ● 7  | --- | --- |
| Potassium | ppm | ● 3  | ● <1 | --- | --- |



#### MÉTAUX D'USURE

|           |     |       |      |     |     |
|-----------|-----|-------|------|-----|-----|
| Fer       | ppm | ● 114 | ● 38 | --- | --- |
| Cuivre    | ppm | ● 83  | ● 81 | --- | --- |
| Plomb     | ppm | ● 2   | ● 2  | --- | --- |
| Étain     | ppm | ● 0   | ● 0  | --- | --- |
| Aluminium | ppm | ● 5   | ● 2  | --- | --- |
| Chrome    | ppm | ● <1  | ● 0  | --- | --- |
| Molybdène | ppm | ● 2   | <1   | --- | --- |
| Nickel    | ppm | ● <1  | ● <1 | --- | --- |
| Titane    | ppm | 0     | 0    | --- | --- |
| Argent    | ppm | 0     | 0    | --- | --- |
| Manganèse | ppm | ● 5   | 3    | --- | --- |
| Vanadium  | ppm | 0     | 0    | --- | --- |



#### ADDITIFS

|           |     |        |      |     |     |
|-----------|-----|--------|------|-----|-----|
| Calcium   | ppm | ● 167  | 50   | --- | --- |
| Magnésium | ppm | ● 3    | 2    | --- | --- |
| Zinc      | ppm | ● 115  | 85   | --- | --- |
| Phosphore | ppm | ● 1247 | 1231 | --- | --- |
| Baryum    | ppm | ● 0    | 0    | --- | --- |
| Bore      | ppm | ● 140  | 266  | --- | --- |

#### Diagnostic

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 90. Please confirm. Copper ppm levels are abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: PRIKIN  
 Unique No: 5737759  
 Signed: Kevin Marson  
 Report Date: 07 Mar 2024



### GRAPHS

