

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(364849)] LIEBHERR R934 053396-1487 - Right Final Drive

Sample No: LH0219930

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### INFORMATION SUR L'ÉCHANTILLON

|                      |             |             |     |     |
|----------------------|-------------|-------------|-----|-----|
| Numéro d'échant.     | LH0219930   | LH          | --- | --- |
| Date d'échant.       | 15 Mar 2024 | 09 Feb 2022 | --- | --- |
| Heures de la Machine | 1995        | 0           | --- | --- |
| Heures de l'huile    | 0           | 0           | --- | --- |
| Huile changée        | Changed     | Changed     | --- | --- |
| Statut de l'échant.  | NORMAL      | NORMAL      | --- | --- |

HUBERT & FILS

474 ROUTE 105  
BOIS-FRANC, QC  
CA J9E 3A9

Contact: Eric Brisebois

ericbrisebois99@gmail.com

T:

F:



#### ÉTAT D'HUILE

|           |     |      |       |     |     |
|-----------|-----|------|-------|-----|-----|
| Visc 40°C | cSt | 90.6 | ● 196 | --- | --- |
|-----------|-----|------|-------|-----|-----|



#### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Eau       | %   | NEG  | NEG | --- | --- |
| Silicium  | ppm | ● 22 | ● 2 | --- | --- |
| Sodium    | ppm | ● 3  | ● 4 | --- | --- |
| Potassium | ppm | ● 3  | ● 4 | --- | --- |



#### MÉTAUX D'USURE

|           |     |       |      |     |     |
|-----------|-----|-------|------|-----|-----|
| Fer       | ppm | ● 109 | ● 70 | --- | --- |
| Cuivre    | ppm | ● <1  | ● <1 | --- | --- |
| Plomb     | ppm | ● 0   | ● <1 | --- | --- |
| Étain     | ppm | ● 0   | ● 0  | --- | --- |
| Aluminium | ppm | ● 5   | ● <1 | --- | --- |
| Chrome    | ppm | ● 2   | ● 1  | --- | --- |
| Molybdène | ppm | ● 0   | ● 0  | --- | --- |
| Nickel    | ppm | ● 2   | ● <1 | --- | --- |
| Titane    | ppm | ● <1  | ● <1 | --- | --- |
| Argent    | ppm | 0     | 0    | --- | --- |
| Manganèse | ppm | ● 0   | ● 1  | --- | --- |
| Vanadium  | ppm | 0     | 0    | --- | --- |



#### ADDITIFS

|           |     |      |        |     |     |
|-----------|-----|------|--------|-----|-----|
| Calcium   | ppm | ● 12 | ● 14   | --- | --- |
| Magnésium | ppm | ● 2  | ● <1   | --- | --- |
| Zinc      | ppm | ● 15 | ● 15   | --- | --- |
| Phosphore | ppm | 1064 | ● 1427 | --- | --- |
| Baryum    | ppm | ● 2  | ● 11   | --- | --- |
| Bore      | ppm | 147  | ● 4    | --- | --- |

#### Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: HUBBOI

Unique No: 5750509

Signed: Wes Davis

Report Date: 28 Mar 2024



### GRAPHS

