

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(375852)] LIEBHERR R920 054849-1705 - Swing Drive

Sample No: LH0270470

Oil Type: NOT GIVEN



ROBERT FRASER DBA FRASER LANDSCAPING  
498 NORTHLINE ROAD  
FENELON FALLS, ON  
CA K0M 1N0  
Contact: Service Manager



#### INFORMATION SUR L'ÉCHANTILLON

|                      |             |     |     |     |
|----------------------|-------------|-----|-----|-----|
| Numéro d'échant.     | LH0270470   | --- | --- | --- |
| Date d'échant.       | 15 Aug 2023 | --- | --- | --- |
| Heures de la Machine | 515         | --- | --- | --- |
| Heures de l'huile    | 0           | --- | --- | --- |
| Huile changée        | N/A         | --- | --- | --- |
| Statut de l'échant.  | NORMAL      | --- | --- | --- |



#### ÉTAT D'HUILE

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Visc 40°C | cSt | 186 | --- | --- | --- |
|-----------|-----|-----|-----|-----|-----|



#### CONTAMINATION

|           |     |    |     |     |     |
|-----------|-----|----|-----|-----|-----|
| Silicium  | ppm | 10 | --- | --- | --- |
| Sodium    | ppm | 7  | --- | --- | --- |
| Potassium | ppm | 2  | --- | --- | --- |



#### MÉTAUX D'USURE

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Fer       | ppm | 361 | --- | --- | --- |
| Cuivre    | ppm | 115 | --- | --- | --- |
| Plomb     | ppm | 3   | --- | --- | --- |
| Étain     | ppm | 11  | --- | --- | --- |
| Aluminium | ppm | 3   | --- | --- | --- |
| Chrome    | ppm | 3   | --- | --- | --- |
| Molybdène | ppm | 0   | --- | --- | --- |
| Nickel    | ppm | <1  | --- | --- | --- |
| Titane    | ppm | <1  | --- | --- | --- |
| Argent    | ppm | 0   | --- | --- | --- |
| Manganèse | ppm | 4   | --- | --- | --- |
| Vanadium  | ppm | 0   | --- | --- | --- |



#### ADDITIFS

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Calcium   | ppm | 16   | --- | --- | --- |
| Magnésium | ppm | 2    | --- | --- | --- |
| Zinc      | ppm | 30   | --- | --- | --- |
| Phosphore | ppm | 2334 | --- | --- | --- |
| Baryum    | ppm | 6    | --- | --- | --- |
| Bore      | ppm | 10   | --- | --- | --- |

T:  
F:

#### Diagnostic

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80W90 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: ROBKAU  
Unique No: 5629276  
Signed: Kevin Marson  
Report Date: 17 Aug 2023



### GRAPHS

