

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(363880)] LIEBHERR L550 064917-1756 - Splitter Box

Sample No: LH0290602

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### Information sur l'échantillon

| Número d'échant.     | LH0290602   | LH0282592   | LH0279044   | LH0261012   |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant.       | 19 Jun 2024 | 12 Apr 2024 | 22 Jan 2024 | 15 Jun 2023 |
| Heures de la Machine | 7104        | 6412        | 5982        | 4922        |
| Heures de l'huile    | 0           | 0           | 0           | 0           |
| Huile changée        | N/A         | Changed     | Changed     | Changed     |
| Statut de l'échant.  | NORMAL      | NORMAL      | ATTENTION   | NORMAL      |

**ARMAND DUHAMEL et FILS INC.**  
778 RUE DE L' EGLISE  
ST-IGNACE-STANDBRIDGE, QC  
CA J0J 1Y0  
Contact:



#### État d'huile

| Visc 40°C | cSt | 183 | 180 | 177 | 176 |
|-----------|-----|-----|-----|-----|-----|
|           |     |     |     |     |     |

T:  
F:



#### Contamination

| Eau       | %   | NEG | NEG | NEG | NEG |
|-----------|-----|-----|-----|-----|-----|
| Silicium  | ppm | <1  | 0   | <1  | <1  |
| Sodium    | ppm | <1  | <1  | 1   | 1   |
| Potassium | ppm | <1  | 0   | <1  | 0   |

#### 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 | 7  | 6 | 18 | 10 |
| Cuivre    | ppm | 2  | 1 | 1  | 2  |
| Plomb     | ppm | 0  | 0 | 0  | 0  |
| Étain     | ppm | 0  | 0 | 0  | 0  |
| Aluminium | ppm | <1 | 0 | 1  | <1 |
| Chrome    | ppm | 0  | 0 | <1 | <1 |
| Molybdène | ppm | <1 | 0 | 2  | 2  |
| Nickel    | ppm | 1  | 1 | 6  | 1  |
| Titane    | ppm | 0  | 0 | 0  | 0  |
| Argent    | ppm | 0  | 0 | 0  | 0  |
| Manganèse | ppm | <1 | 0 | <1 | <1 |
| Vanadium  | ppm | 0  | 0 | 0  | 0  |



#### Additifs

|           |     |      |      |      |      |
|-----------|-----|------|------|------|------|
| Calcium   | ppm | 7    | 3    | 6    | 6    |
| Magnésium | ppm | 1    | <1   | 2    | <1   |
| Zinc      | ppm | 175  | 83   | 223  | 157  |
| Phosphore | ppm | 2226 | 2187 | 2329 | 2327 |
| Baryum    | ppm | 0    | 0    | <1   | 0    |
| Bore      | ppm | 1    | 1    | <1   | 1    |

Depot: ARMSTI  
Unique No: 5802844  
Signed: Wes Davis  
Report Date: 03 Jul 2024



### Graphs

