

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 048547-1464 - Splitter Box

Sample No: LH0290955

Oil Type: GEAR OIL SAE 80W90



#### Information sur l'échantillon

| Numéro d'échant.     | LH0290955   | LH0281485   | LH0251461   | LH0239246   |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant.       | 27 May 2024 | 07 Dec 2023 | 16 Feb 2023 | 15 Sep 2022 |
| Heures de la Machine | 10162       | 9037        | 7024        | 5991        |
| Heures de l'huile    | 0           | 0           | 0           | 0           |
| Huile changée        | Changed     | Changed     | Changed     | Changed     |
| Statut de l'échant.  | NORMAL      | NORMAL      | NORMAL      | NORMAL      |

**Summit Aggregates**  
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#### État d'huile

| Visc 40°C | cSt | 93.0 | 92.6 | 88.2 | 87.9 |
|-----------|-----|------|------|------|------|
|-----------|-----|------|------|------|------|



#### Contamination

| Eau       | %   | NEG | NEG | NEG | NEG |
|-----------|-----|-----|-----|-----|-----|
| Silicium  | ppm | 1   | 3   | 4   | 3   |
| Sodium    | ppm | <1  | 4   | 1   | 1   |
| Potassium | ppm | <1  | 3   | <1  | <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 | 7  | 10 | 12 | 11 |
| Cuivre    | ppm | <1 | <1 | <1 | <1 |
| Plomb     | ppm | 0  | <1 | <1 | <1 |
| Étain     | ppm | 0  | 0  | 0  | 0  |
| Aluminium | ppm | 0  | <1 | <1 | <1 |
| Chrome    | ppm | 0  | 0  | 0  | 0  |
| Molybdène | ppm | 0  | <1 | 2  | 2  |
| Nickel    | ppm | <1 | 2  | 2  | 3  |
| Titane    | ppm | 0  | 0  | 0  | 0  |
| Argent    | ppm | 0  | <1 | 0  | 0  |
| Manganèse | ppm | 0  | 0  | <1 | <1 |
| Vanadium  | ppm | 0  | 0  | 0  | 0  |



#### Additifs

|           |     |      |      |      |      |
|-----------|-----|------|------|------|------|
| Calcium   | ppm | 19   | 16   | 28   | 52   |
| Magnésium | ppm | 2    | 1    | 4    | 2    |
| Zinc      | ppm | 29   | 18   | 35   | 62   |
| Phosphore | ppm | 1261 | 1210 | 1364 | 1338 |
| Baryum    | ppm | 0    | <1   | 0    | 0    |
| Bore      | ppm | 301  | 314  | 312  | 288  |

**Depot:** SUMAYR  
**Unique No:** 5787334  
**Signed:** Wes Davis  
**Report Date:** 28 May 2024



### Graphs

