

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [BLANCHARD] LIEBHERR LH22 139277 - Rear Left Wheel Hub

Sample No: LH0282722

Oil Type: GEAR OIL SAE 75W90



**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
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#### Sample Information

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0282722   | --- | --- | --- |
| Sample Date   | 08 Apr 2024 | --- | --- | --- |
| Machine Hours | 2161        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



#### Oil Condition

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 105 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



#### Contamination

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | ● 0  | --- | --- | --- |
| Sodium    | ppm | ● 2  | --- | --- | --- |
| Potassium | ppm | ● <1 | --- | --- | --- |



#### Wear Metals

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | ● 10 | --- | --- | --- |
| Copper     | ppm | ● 1  | --- | --- | --- |
| Lead       | ppm | ● 0  | --- | --- | --- |
| Tin        | ppm | 0    | --- | --- | --- |
| Aluminum   | ppm | ● <1 | --- | --- | --- |
| Chromium   | ppm | ● 0  | --- | --- | --- |
| Molybdenum | ppm | ● 0  | --- | --- | --- |
| Nickel     | ppm | ● 0  | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | ● <1 | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



#### Additives

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | ● 113  | --- | --- | --- |
| Magnesium  | ppm | ● 2    | --- | --- | --- |
| Zinc       | ppm | ● 48   | --- | --- | --- |
| Phosphorus | ppm | ● 1331 | --- | --- | --- |
| Barium     | ppm | ● <1   | --- | --- | --- |
| Boron      | ppm | ● 267  | --- | --- | --- |

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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.

Depot: LIEMIS  
 Unique No: 5762065  
 Signed: Wes Davis  
 Report Date: 15 Apr 2024



### Graphs

