

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(353448)] LIEBHERR L566 064106-1758 - Rear Left Wheel H

Sample No: LH0208473

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

|               |             |             |     |     |
|---------------|-------------|-------------|-----|-----|
| Sample Number | LH0208473   | LH0208447   | --- | --- |
| Sample Date   | 06 Dec 2023 | 10 Jan 2022 | --- | --- |
| Machine Hours | 2606        | 778         | --- | --- |
| Oil Hours     | 0           | 0           | --- | --- |
| Oil Changed   | N/A         | Changed     | --- | --- |
| Sample Status | NORMAL      | NORMAL      | --- | --- |

**PAVAGES MASKA INC.**  
 3450 BOULEVARD CHOQUETTE  
 SAINT-HYACINTHE, QC  
 CA J2S 8V9  
 Contact: Service Manager



#### OIL CONDITION

|             |     |      |     |     |     |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 83.4 | 195 | --- | --- |
|-------------|-----|------|-----|-----|-----|

T:  
F:



#### CONTAMINATION

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Water     | %   | NEG | NEG | --- | --- |
| Silicon   | ppm | 7   | 33  | --- | --- |
| Sodium    | ppm | 4   | 13  | --- | --- |
| Potassium | ppm | 0   | 1   | --- | --- |

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 80; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.



#### WEAR METALS

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| PQ         |     | --- | 709 | --- | --- |
| Iron       | ppm | 146 | 627 | --- | --- |
| Copper     | ppm | 33  | 235 | --- | --- |
| Lead       | ppm | <1  | 7   | --- | --- |
| Tin        | ppm | 2   | 15  | --- | --- |
| Aluminum   | ppm | <1  | 3   | --- | --- |
| Chromium   | ppm | <1  | 5   | --- | --- |
| Molybdenum | ppm | 0   | <1  | --- | --- |
| Nickel     | ppm | 1   | 7   | --- | --- |
| Titanium   | ppm | 0   | 0   | --- | --- |
| Silver     | ppm | <1  | <1  | --- | --- |
| Manganese  | ppm | 8   | 65  | --- | --- |
| Vanadium   | ppm | 0   | <1  | --- | --- |



#### ADDITIVES

|            |     |      |      |     |     |
|------------|-----|------|------|-----|-----|
| Calcium    | ppm | 2    | 9    | --- | --- |
| Magnesium  | ppm | <1   | 1    | --- | --- |
| Zinc       | ppm | 10   | 51   | --- | --- |
| Phosphorus | ppm | 3328 | 2246 | --- | --- |
| Barium     | ppm | <1   | 0    | --- | --- |
| Boron      | ppm | 76   | 3    | --- | --- |

Depot: PAVSAI  
 Unique No: 5695750  
 Signed: Kevin Marson  
 Report Date: 12 Dec 2023



### GRAPHS

