

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353448)] LIEBHERR L566 064106-1758 - Rear Right Wheel

Sample No: LH0208474

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | LH0208474 | LH0208448 | --- | --- |
| 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 | 83.0 | 196 | --- | --- |
|-------------|-----|------|-----|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 6 | 33 | --- | --- |
| Sodium | ppm | 4 | 12 | --- | --- |
| Potassium | ppm | <1 | <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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 80; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| PQ | | --- | 721 | --- | --- |
| Iron | ppm | 122 | 650 | --- | --- |
| Copper | ppm | 30 | 242 | --- | --- |
| Lead | ppm | <1 | 7 | --- | --- |
| Tin | ppm | 2 | 15 | --- | --- |
| Aluminum | ppm | <1 | 3 | --- | --- |
| Chromium | ppm | <1 | 5 | --- | --- |
| Molybdenum | ppm | 0 | <1 | --- | --- |
| Nickel | ppm | 1 | 8 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | <1 | <1 | --- | --- |
| Manganese | ppm | 7 | 64 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|-----|-----|
| Calcium | ppm | 2 | 9 | --- | --- |
| Magnesium | ppm | <1 | <1 | --- | --- |
| Zinc | ppm | 10 | 51 | --- | --- |
| Phosphorus | ppm | 3279 | 2354 | --- | --- |
| Barium | ppm | <1 | 0 | --- | --- |
| Boron | ppm | 75 | 2 | --- | --- |

Depot: PAVSAI
Unique No: 5695753
Signed: Kevin Marson
Report Date: 12 Dec 2023



GRAPHS

