

LIEBHERR

CONSTRUCTION EQUIPMENT



[(336304)] LIEBHERR LH30M 121370-1253 - Front Left Wheel

Sample No: LH0261094

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-------------|-------------|
| Sample Number | LH0261094 | LH0238779 | LH | LH0203537 |
| Sample Date | 15 Jun 2023 | 15 Nov 2022 | 15 Nov 2021 | 04 Aug 2021 |
| Machine Hours | 4050 | 3275 | 0 | 0 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

Recyclage de Metaux Nobel

25 Chemin Nobel
St-Mathieu de Beloeil, QC
CA J3G 4S5
Contact: Maintenance



OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 181 | 188 | 187 | 148 |
|-------------|-----|-----|-----|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|----|----|----|----|
| Silicon | ppm | 2 | 2 | 1 | 2 |
| Sodium | ppm | 9 | 12 | 7 | 9 |
| Potassium | ppm | <1 | 1 | <1 | <1 |

Diagnosis

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. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

| | | | | | |
|------------|-----|----|----|----|----|
| Iron | ppm | 13 | 22 | 15 | 19 |
| Copper | ppm | 2 | 3 | 2 | 5 |
| Lead | ppm | 0 | 0 | 0 | <1 |
| Tin | ppm | 0 | <1 | 0 | 0 |
| Aluminum | ppm | <1 | <1 | <1 | <1 |
| Chromium | ppm | <1 | <1 | <1 | <1 |
| Molybdenum | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | <1 | <1 | <1 | <1 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | <1 | 0 |
| Manganese | ppm | <1 | <1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------|------|------|------|
| Calcium | ppm | 78 | 139 | 202 | 568 |
| Magnesium | ppm | 1 | 1 | 1 | 2 |
| Zinc | ppm | 25 | 37 | 65 | 288 |
| Phosphorus | ppm | 2345 | 2405 | 2393 | 2179 |
| Barium | ppm | <1 | <1 | <1 | <1 |
| Boron | ppm | 2 | 5 | 5 | 12 |

Depot: REC25STM
Unique No: 5604458
Signed: Wes Davis
Report Date: 29 Jun 2023



GRAPHS

