

LIEBHERR

CONSTRUCTION EQUIPMENT



[(336304)] LIEBHERR LH30M 121370-1253 - Rear Right Wheel

Sample No: LH0261092

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-------------|-------------|
| Sample Number | LH0261092 | LH0238776 | LH | LH0203529 |
| 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 | ABNORMAL | NORMAL |

Recyclage de Metaux Nobel

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



OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 180 | 189 | 181 | 188 |
|-------------|-----|-----|-----|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|----|----|----|----|
| Silicon | ppm | <1 | 1 | <1 | 2 |
| Sodium | ppm | 4 | 9 | 6 | 7 |
| 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 | 6 | 11 | 4 | 11 |
| Copper | ppm | <1 | <1 | <1 | 2 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 0 | 0 | <1 | 0 |
| Aluminum | ppm | <1 | <1 | <1 | <1 |
| Chromium | ppm | 0 | 0 | 0 | <1 |
| Molybdenum | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | <1 | <1 | <1 | <1 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | 1 | <1 | 1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------|------|------|------|
| Calcium | ppm | 14 | 43 | 79 | 327 |
| Magnesium | ppm | 1 | <1 | <1 | 2 |
| Zinc | ppm | 18 | 39 | 34 | 130 |
| Phosphorus | ppm | 2333 | 2419 | 2456 | 2320 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 2 | 2 | 3 | 6 |

Depot: REC25STM
Unique No: 5604456
Signed: Wes Davis
Report Date: 29 Jun 2023



GRAPHS

