



LIEBHERR LH30M 139284-1253 - Rear Differential

Sample No: LH0241894

Oil Type: LIEBHERR GEAR BASIC 90 LS



HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9

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INFORMATION SUR L'ÉCHANTILLON

| Número d'échant. | LH0241894 | LH0241870 | LH0239951 | LH0241858 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 01 Mar 2024 | 31 Oct 2023 | 04 Sep 2023 | 07 Jun 2023 |
| Heures de la Machine | 3900 | 2739 | 2265 | 1668 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Changed | Changed | Changed | Changed |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | NORMAL |



ÉTAT D'HUILE

| Visc 40°C | cSt | 169 | 179 | 179 | 175 |
|-----------|-----|-----|-----|-----|-----|
| | | | | | |



CONTAMINATION

| Eau | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----|-----|-----|-----|
| Silicium | ppm | 1 | 1 | <1 | 2 |
| Sodium | ppm | 3 | 2 | 2 | 2 |
| Potassium | ppm | <1 | 0 | 0 | <1 |



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|----|----|----|----|
| Fer | ppm | 9 | 6 | 6 | 7 |
| Cuivre | ppm | <1 | <1 | 1 | <1 |
| Plomb | ppm | 0 | 0 | 0 | 0 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | 0 | <1 | 0 | <1 |
| Chrome | ppm | 0 | 0 | 0 | 0 |
| Molybdène | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | 0 | <1 | <1 | <1 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | 0 | 0 | <1 | 0 |
| Manganèse | ppm | 0 | 0 | 0 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| | | | | | |
|-----------|-----|------|------|------|------|
| Calcium | ppm | 17 | 22 | 30 | 97 |
| Magnésium | ppm | <1 | <1 | <1 | 1 |
| Zinc | ppm | 6 | 4 | 9 | 31 |
| Phosphore | ppm | 2056 | 2272 | 2295 | 2255 |
| Baryum | ppm | 0 | 0 | <1 | 0 |
| Bore | ppm | 2 | 2 | 5 | 17 |

Diagnostic

Resample at the next service interval to monitor. 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: HUBBOI

Unique No: 5750510

Signed: Wes Davis

Report Date: 28 Mar 2024



GRAPHS

