

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 117 616-1216 - Front Right Wheel Hub

Sample No: LH0278607

Oil Type: SAE 80W90



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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INFORMATION SUR L'ÉCHANTILLON

| Numéro d'échant. | LH0278607 | LH0277425 | LH0265695 | LH0257038 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 08 Feb 2024 | 05 Nov 2023 | 11 Jun 2023 | 12 Apr 2023 |
| Heures de la Machine | 14242 | 14022 | 12860 | 12345 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Not Changd | Changed | Changed | N/A |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | NORMAL |



ÉTAT D'HUILE

| Visc 40°C | cSt | 100 | 98.3 | 101 | 93.5 |
|-----------|-----|-----|------|-----|------|
| | | | | | |



CONTAMINATION

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



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|----|----|----|----|
| Fer | ppm | 13 | 22 | 15 | 18 |
| Cuivre | ppm | 6 | 13 | 8 | 8 |
| Plomb | ppm | 0 | <1 | 0 | 0 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | <1 | <1 | <1 | <1 |
| Chrome | ppm | 0 | 0 | 0 | 0 |
| Molybdène | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | <1 | 0 | 0 | <1 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | 0 | <1 | 0 | 0 |
| Manganèse | ppm | 0 | 0 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| | | | | | |
|-----------|-----|-----|------|------|------|
| Calcium | ppm | 10 | 13 | 8 | 17 |
| Magnésium | ppm | 1 | 1 | 1 | 2 |
| Zinc | ppm | 25 | 38 | 30 | 52 |
| Phosphore | ppm | 998 | 1221 | 1348 | 1329 |
| Baryum | ppm | 0 | <1 | 0 | 0 |
| Bore | ppm | 240 | 303 | 294 | 298 |

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: LIEMIS
 Unique No: 5723858
 Signed: Wes Davis
 Report Date: 12 Feb 2024



GRAPHS

