

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 141098-1217 - Front Right Wheel Hub

Sample No: LH0284992

Oil Type: GEAR OIL SAE 80W90



JOHN ZUBICK LTD.
105 CLARKE ROAD
LONDON, ON
CA N5W 5C9
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INFORMATION SUR L'ÉCHANTILLON

| Numéro d'échant. | LH0284992 | LH0251562 | LH0234950 | --- |
|----------------------|-------------|-------------|-------------|-----|
| Date d'échant. | 22 Feb 2024 | 24 Feb 2023 | 14 Nov 2022 | --- |
| Heures de la Machine | 2811 | 934 | 467 | --- |
| Heures de l'huile | 0 | 0 | 0 | --- |
| Huile changée | Changed | Changed | Changed | --- |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | --- |



ÉTAT D'HUILE

| Visc 40°C | cSt | 127 | 133 | 185 | --- |
|-----------|-----|-----|-----|-----|-----|
| | | | | | |



CONTAMINATION

| Eau | % | NEG | NEG | NEG | --- |
|-----------|-----|-----|-----|-----|-----|
| Silicium | ppm | 4 | 3 | 2 | --- |
| Sodium | ppm | 2 | 2 | 2 | --- |
| Potassium | ppm | 2 | 1 | 1 | --- |



MÉTAUX D'USURE

| Fer | ppm | 130 | 78 | 36 | --- |
|-----------|-----|-----|----|----|-----|
| Cuivre | ppm | 19 | 8 | 8 | --- |
| Plomb | ppm | <1 | 0 | <1 | --- |
| Étain | ppm | 0 | 0 | 0 | --- |
| Aluminium | ppm | 2 | 1 | <1 | --- |
| Chrome | ppm | <1 | <1 | <1 | --- |
| Molybdène | ppm | 0 | 3 | 0 | --- |
| Nickel | ppm | <1 | <1 | <1 | --- |
| Titane | ppm | 0 | <1 | 0 | --- |
| Argent | ppm | 0 | 0 | 0 | --- |
| Manganèse | ppm | 3 | 2 | 2 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIFS

| Calcium | ppm | 16 | 59 | 13 | --- |
|-----------|-----|------|------|------|-----|
| Magnésium | ppm | 2 | 44 | 1 | --- |
| Zinc | ppm | 40 | 83 | 26 | --- |
| Phosphore | ppm | 1177 | 1250 | 1202 | --- |
| Baryum | ppm | 141 | 165 | 278 | --- |
| Bore | ppm | 163 | 139 | 12 | --- |

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: JOHLON
Unique No: 5734817
Signed: Wes Davis
Report Date: 23 Feb 2024



GRAPHS

