

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C103882-1527 - Swing Drive

Sample No: LH0261465

Oil Type: GEAR OIL SAE 80W90



INFORMATION SUR L'ÉCHANTILLON

| Numéro d'échant. | LH0261465 | LH0247337 | LH0224520 | LH0214172 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 29 Jun 2023 | 08 Mar 2023 | 25 Oct 2022 | 20 Jan 2022 |
| Heures de la Machine | 9040 | 8400 | 7787 | 6281 |
| Heures de l'huile | 640 | 613 | 1000 | 1000 |
| Huile changée | Changed | Changed | Changed | Changed |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | ABNORMAL |

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ÉTAT D'HUILE

| Visc 40°C | cSt | 142 | 139 | 131 | 135 |
|-----------|-----|-----|-----|-----|-----|
| | | | | | |



CONTAMINATION

| Élément | ppm | 6 | 7 | 4 | 2 |
|-----------|-----|----|---|---|---|
| Silicium | ppm | 6 | 7 | 4 | 2 |
| Sodium | ppm | 1 | 1 | 2 | 1 |
| Potassium | ppm | <1 | 2 | 3 | 1 |



MÉTAUX D'USURE

| Élément | ppm | 146 | 206 | 361 | 450 |
|-----------|-----|-----|-----|-----|-----|
| Fer | ppm | 146 | 206 | 361 | 450 |
| Cuivre | ppm | 32 | 80 | 240 | 228 |
| Plomb | ppm | <1 | 2 | 5 | 6 |
| Étain | ppm | <1 | 1 | 2 | 2 |
| Aluminium | ppm | 0 | <1 | 0 | <1 |
| Chrome | ppm | 1 | 2 | 4 | 4 |
| Molybdène | ppm | <1 | 0 | <1 | <1 |
| Nickel | ppm | 0 | <1 | <1 | <1 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | <1 | 0 | 0 | <1 |
| Manganèse | ppm | 1 | 2 | 3 | 3 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| Élément | ppm | 4 | 4 | 6 | 8 |
|-----------|-----|-----|-----|-----|-----|
| Calcium | ppm | 4 | 4 | 6 | 8 |
| Magnésium | ppm | 1 | 2 | 2 | 2 |
| Zinc | ppm | 6 | 9 | 12 | 16 |
| Phosphore | ppm | 616 | 631 | 628 | 595 |
| Baryum | ppm | 0 | 0 | 0 | 0 |
| Bore | ppm | 4 | 5 | 6 | 9 |

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: DOMBUR

Unique No: 5607484

Signed: Wes Davis

Report Date: 17 Jul 2023



GRAPHS

