



LIEBHERR LH40M 114405-1215 - Swing Drive

Sample No: LH0270642

Oil Type: GEAR OIL SAE 75W90



ELG Canada
4375 CORPORATE DRIVE
BURLINGTON, ON
CA L7L 5P7
Contact: Service Manager

T:
F: (905)335-9687

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.



INFORMATION SUR L'ÉCHANTILLON

| | | | | |
|----------------------|-------------|-------------|-------------|-------------|
| Numéro d'échant. | LH0270642 | LH0251680 | LH | LH |
| Date d'échant. | 12 Jul 2023 | 31 Jan 2023 | 04 Jan 2022 | 10 May 2021 |
| Heures de la Machine | 6035 | 5542 | 4095 | 3004 |
| 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 | 103 | 99.2 | 102 | 93.3 |
|-----------|-----|-----|------|-----|------|



CONTAMINATION

| | | | | | |
|-----------|-----|----|---|----|----|
| Silicium | ppm | 2 | 2 | 2 | 2 |
| Sodium | ppm | 1 | 1 | <1 | <1 |
| Potassium | ppm | <1 | 0 | <1 | <1 |



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|-----|-----|-----|----|
| Fer | ppm | 236 | 241 | 167 | 50 |
| Cuivre | ppm | 19 | 22 | 29 | 22 |
| Plomb | ppm | <1 | 1 | <1 | <1 |
| Étain | ppm | <1 | <1 | <1 | <1 |
| Aluminium | ppm | <1 | <1 | <1 | <1 |
| Chrome | ppm | 2 | 2 | 2 | <1 |
| Molybdène | ppm | <1 | <1 | <1 | <1 |
| Nickel | ppm | <1 | <1 | <1 | <1 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | 0 | 0 | <1 | <1 |
| Manganèse | ppm | 2 | 2 | 1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| | | | | | |
|-----------|-----|------|------|------|------|
| Calcium | ppm | 8 | 12 | 9 | 7 |
| Magnésium | ppm | 2 | 2 | <1 | 1 |
| Zinc | ppm | 13 | 18 | 10 | 7 |
| Phosphore | ppm | 1343 | 1333 | 1328 | 1173 |
| Baryum | ppm | <1 | <1 | 0 | <1 |
| Bore | ppm | 274 | 290 | 310 | 303 |

Depot: STR437BUR
Unique No: 5607759
Signed: Wes Davis
Report Date: 18 Jul 2023



GRAPHS

