

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353863)] **LIEBHERR L586 061826-1761- Transmission (Man)**

Sample No: LH0192646

Oil Type: PETRO CANADA DURATRAN SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

| | | | | |
|----------------------|-------------|-------------|-------------|-------------|
| Numéro d'échant. | LH0192646 | LH0195347 | LH0192966 | LH0221715 |
| Date d'échant. | 17 Aug 2023 | 14 Jun 2023 | 19 Apr 2023 | 16 Dec 2022 |
| Heures de la Machine | 18298 | 17003 | 15800 | 13487 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Changed | Changed | Changed | Changed |
| Statut de l'échant. | ABNORMAL | ABNORMAL | NORMAL | NORMAL |

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ÉTAT D'HUILE

| | | | | | |
|-----------|-----|------|------|------|------|
| Visc 40°C | cSt | 34.4 | 35.7 | 37.9 | 40.2 |
|-----------|-----|------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|----|----|---|----|
| Silicium | ppm | 9 | <1 | 0 | 8 |
| Sodium | ppm | 1 | 1 | 2 | 3 |
| Potassium | ppm | <1 | 3 | 0 | <1 |



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|----|----|----|----|
| Fer | ppm | 11 | <1 | <1 | 6 |
| Cuivre | ppm | <1 | <1 | <1 | <1 |
| Plomb | ppm | <1 | 0 | 0 | <1 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | 1 | 0 | 0 | 1 |
| Chrome | ppm | 0 | 0 | 0 | 0 |
| Molybdène | ppm | 0 | 0 | 0 | <1 |
| Nickel | ppm | <1 | 0 | <1 | 0 |
| Titane | ppm | 0 | 0 | 0 | <1 |
| Argent | ppm | <1 | 0 | 0 | 0 |
| Manganèse | ppm | 0 | 0 | 0 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| | | | | | |
|-----------|-----|------|------|------|------|
| Calcium | ppm | 3725 | 2067 | 2444 | 3617 |
| Magnésium | ppm | 11 | <1 | <1 | 11 |
| Zinc | ppm | 1497 | 388 | 709 | 1360 |
| Phosphore | ppm | 1209 | 43 | 10 | 1216 |
| Baryum | ppm | <1 | 0 | 0 | 0 |
| Bore | ppm | 104 | 4 | <1 | 96 |

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

Depot: AVTTER

Unique No: 5658022

Signed: Kevin Marson

Report Date: 16 Oct 2023



GRAPHS

