

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(349194)] LIEBHERR L556 062416-1757 - Front Differential

Sample No: LH0276938

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

| Número d'échant.     | LH0276938   | LH0276883   | LH0250673   | LH0250612   |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant.       | 17 Jan 2024 | 15 Nov 2023 | 15 Jun 2023 | 29 Mar 2023 |
| Heures de la Machine | 13182       | 12627       | 11000       | 10270       |
| Heures de l'huile    | 0           | 0           | 0           | 0           |
| Huile changée        | Changed     | Changed     | Changed     | Changed     |
| Statut de l'échant.  | NORMAL      | NORMAL      | NORMAL      | NORMAL      |

**Eacom Timber Corporation**  
 100 Old Nairn Centre Road  
 Nairn Centre, ON  
 CA P0M 2L0  
 Contact: Service Manager



#### ÉTAT D'HUILE

| Visc 40°C | cSt | 82.7 | 98.9 | 96.2 | 84.8 |
|-----------|-----|------|------|------|------|
|           |     |      |      |      |      |

T:  
F:



#### CONTAMINATION

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

#### 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.



#### MÉTAUX D'USURE

|           |     |    |    |    |    |
|-----------|-----|----|----|----|----|
| Fer       | ppm | 30 | 34 | 30 | 55 |
| Cuivre    | ppm | 4  | 15 | 9  | 11 |
| Plomb     | ppm | 0  | <1 | <1 | <1 |
| Étain     | ppm | <1 | <1 | <1 | <1 |
| Aluminium | ppm | <1 | <1 | 0  | 0  |
| Chrome    | ppm | 0  | 0  | <1 | 0  |
| Molybdène | ppm | 0  | 0  | 0  | 0  |
| Nickel    | ppm | <1 | <1 | <1 | <1 |
| Titane    | ppm | 0  | 0  | 0  | 0  |
| Argent    | ppm | 0  | 0  | 0  | 0  |
| Manganèse | ppm | 0  | 0  | <1 | 2  |
| Vanadium  | ppm | 0  | 0  | 0  | 0  |



#### ADDITIFS

|           |     |      |      |      |      |
|-----------|-----|------|------|------|------|
| Calcium   | ppm | 6    | 4    | 18   | 4    |
| Magnésium | ppm | 2    | <1   | 2    | <1   |
| Zinc      | ppm | 17   | 11   | 19   | 11   |
| Phosphore | ppm | 1695 | 2373 | 2441 | 2440 |
| Baryum    | ppm | 0    | 0    | 0    | 0    |
| Bore      | ppm | 20   | 292  | 274  | 86   |

Depot: EACNAI  
 Unique No: 5736459  
 Signed: Wes Davis  
 Report Date: 01 Mar 2024



### GRAPHS

