

LIEBHERR

CONSTRUCTION EQUIPMENT



[(350504)] LIEBHERR LH50M 129748-1216 - Rear Differential

Sample No: LH0259923

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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



INFORMATION SUR L'ÉCHANTILLON

| Numéro d'échant. | LH0259923 | LH0202637 | LH0215214 | LH0215229 |
|----------------------|-------------|-------------|-------------|-------------|
| Date d'échant. | 26 Jun 2023 | 23 Jun 2022 | 05 May 2022 | 25 Feb 2022 |
| Heures de la Machine | 8000 | 4614 | 4000 | 3000 |
| 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 | 98.0 | 95.7 | 97.5 | 97.3 |
|-----------|-----|------|------|------|------|
| | | | | | |

T:
F:



CONTAMINATION

| Élément | ppm | 1 | 5 | <1 | 3 |
|-----------|-----|----|----|----|----|
| Silicium | ppm | 1 | 5 | <1 | 3 |
| Sodium | ppm | <1 | 2 | <1 | <1 |
| Potassium | ppm | <1 | <1 | 0 | <1 |

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

| Élément | ppm | 27 | 72 | 13 | 36 |
|-----------|-----|----|----|----|----|
| Fer | ppm | 27 | 72 | 13 | 36 |
| Cuivre | ppm | 12 | 26 | 6 | 7 |
| Plomb | ppm | <1 | <1 | 0 | <1 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | <1 | 1 | 0 | <1 |
| Chrome | ppm | 0 | <1 | 0 | <1 |
| Molybdène | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | 0 | <1 | <1 | <1 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | <1 | 0 | 0 | 0 |
| Manganèse | ppm | <1 | 2 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| Élément | ppm | 10 | 14 | 8 | 11 |
|-----------|-----|------|------|------|------|
| Calcium | ppm | 10 | 14 | 8 | 11 |
| Magnésium | ppm | 2 | <1 | 2 | <1 |
| Zinc | ppm | 24 | 31 | 13 | 15 |
| Phosphore | ppm | 1391 | 1441 | 1362 | 1336 |
| Baryum | ppm | 0 | 0 | 0 | 0 |
| Bore | ppm | 320 | 221 | 314 | 321 |

Depot: EACNAI
Unique No: 5643338
Signed: Wes Davis
Report Date: 14 Sep 2023



GRAPHS

