

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 088797-1203 - Rear Right Wheel Hub

Sample No: LH0269891

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**SCIERIE DION & FILS INC**  
 147 RUE ST-ALEXIS  
 ST.RAYMOND, QC  
 CA G3L 1S1  
 Contact: Marc Lamarre  
 mlamarre@scieriedion.com  
 T: (418)337-2265  
 F: (418)337-4142



#### SAMPLE INFORMATION

|               |                    |             |             |             |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | <b>LH0269891</b>   | LH0269893   | LH0256232   | LH0227093   |
| Sample Date   | <b>21 Aug 2023</b> | 21 Aug 2023 | 04 May 2023 | 14 Apr 2022 |
| Machine Hours | <b>12427</b>       | 12427       | 12167       | 11387       |
| Oil Hours     | <b>0</b>           | 0           | 0           | 0           |
| Oil Changed   | <b>Not Chngd</b>   | Not Chngd   | Changed     | Changed     |
| Sample Status | <b>NORMAL</b>      | NORMAL      | NORMAL      | NORMAL      |



#### OIL CONDITION

|             |     |            |     |     |     |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | <b>119</b> | 119 | 177 | 108 |
|-------------|-----|------------|-----|-----|-----|



#### CONTAMINATION

|           |     |              |    |    |    |
|-----------|-----|--------------|----|----|----|
| Silicon   | ppm | <b>2</b>     | 3  | 4  | 4  |
| Sodium    | ppm | <b>&lt;1</b> | <1 | 2  | <1 |
| Potassium | ppm | <b>&lt;1</b> | <1 | <1 | <1 |



#### WEAR METALS

|            |     |              |    |    |    |
|------------|-----|--------------|----|----|----|
| Iron       | ppm | <b>14</b>    | 13 | 33 | 44 |
| Copper     | ppm | <b>2</b>     | 2  | 1  | 4  |
| Lead       | ppm | <b>0</b>     | 0  | 0  | <1 |
| Tin        | ppm | <b>0</b>     | 0  | 0  | 0  |
| Aluminum   | ppm | <b>&lt;1</b> | <1 | <1 | <1 |
| Chromium   | ppm | <b>0</b>     | 0  | 0  | 0  |
| Molybdenum | ppm | <b>0</b>     | 0  | 0  | <1 |
| Nickel     | ppm | <b>&lt;1</b> | 0  | <1 | <1 |
| Titanium   | ppm | <b>0</b>     | 0  | 0  | 0  |
| Silver     | ppm | <b>0</b>     | 0  | 0  | 0  |
| Manganese  | ppm | <b>0</b>     | 0  | <1 | <1 |
| Vanadium   | ppm | <b>0</b>     | 0  | 0  | 0  |



#### ADDITIVES

|            |     |             |      |      |      |
|------------|-----|-------------|------|------|------|
| Calcium    | ppm | <b>11</b>   | 19   | 6    | 11   |
| Magnesium  | ppm | <b>2</b>    | 2    | 2    | 3    |
| Zinc       | ppm | <b>12</b>   | 15   | 7    | 10   |
| Phosphorus | ppm | <b>1584</b> | 1580 | 2453 | 1536 |
| Barium     | ppm | <b>0</b>    | 0    | 0    | 0    |
| Boron      | ppm | <b>240</b>  | 240  | 24   | 276  |

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

**Depot:** SCISTR  
**Unique No:** 5630630  
**Signed:** Wes Davis  
**Report Date:** 22 Aug 2023



### GRAPHS

