



### LIEBHERR LH40M 116354-1215 - Rear Right Wheel Hub

Sample No: LH0289665

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



**KIMCO STEEL SALES LTD.**  
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#### Information sur l'échantillon

|                      |                    |             |             |             |
|----------------------|--------------------|-------------|-------------|-------------|
| Número d'échant.     | <b>LH0289665</b>   | LH0277619   | LH0150663   | LH0193097   |
| Date d'échant.       | <b>05 Jun 2024</b> | 25 Jan 2024 | 23 Nov 2021 | 02 Jun 2021 |
| Heures de la Machine | <b>11257</b>       | 16071       | 5042        | 3933        |
| Heures de l'huile    | <b>0</b>           | 0           | 0           | 0           |
| Huile changée        | <b>Changed</b>     | Changed     | Changed     | Changed     |
| Statut de l'échant.  | <b>NORMAL</b>      | NORMAL      | NORMAL      | NORMAL      |



#### État d'huile

|           |     |            |     |     |      |
|-----------|-----|------------|-----|-----|------|
| Visc 40°C | cSt | <b>109</b> | 169 | 158 | 99.0 |
|-----------|-----|------------|-----|-----|------|



#### Contamination

| Eau       | %   | NEG          | NEG | NEG | NEG |
|-----------|-----|--------------|-----|-----|-----|
| Silicium  | ppm | <b>0</b>     | 1   | <1  | 2   |
| Sodium    | ppm | <b>&lt;1</b> | 1   | 4   | <1  |
| Potassium | ppm | <b>0</b>     | <1  | <1  | <1  |



#### Métaux d'usure

|           |     |              |    |    |    |
|-----------|-----|--------------|----|----|----|
| Fer       | ppm | <b>11</b>    | 13 | 26 | 20 |
| Cuivre    | ppm | <b>3</b>     | 1  | 3  | 15 |
| Plomb     | ppm | <b>0</b>     | 0  | 0  | <1 |
| Étain     | ppm | <b>0</b>     | 0  | 0  | 0  |
| Aluminium | ppm | <b>0</b>     | <1 | <1 | <1 |
| Chrome    | ppm | <b>0</b>     | 0  | <1 | <1 |
| Molybdène | ppm | <b>0</b>     | 0  | 0  | <1 |
| Nickel    | ppm | <b>0</b>     | 0  | <1 | <1 |
| Titane    | ppm | <b>0</b>     | 0  | 0  | 0  |
| Argent    | ppm | <b>&lt;1</b> | 0  | 0  | <1 |
| Manganèse | ppm | <b>0</b>     | 0  | <1 | <1 |
| Vanadium  | ppm | <b>0</b>     | 0  | 0  | 0  |



#### Additifs

|           |     |              |      |      |      |
|-----------|-----|--------------|------|------|------|
| Calcium   | ppm | <b>15</b>    | 5    | 10   | 9    |
| Magnésium | ppm | <b>&lt;1</b> | <1   | 2    | 3    |
| Zinc      | ppm | <b>10</b>    | 5    | 11   | 15   |
| Phosphore | ppm | <b>1438</b>  | 2228 | 2285 | 1229 |
| Baryum    | ppm | <b>&lt;1</b> | 0    | 0    | 0    |
| Bore      | ppm | <b>250</b>   | 28   | 30   | 309  |

#### 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.

Depot: KIMKIN  
 Unique No: 5789739  
 Signed: Wes Davis  
 Report Date: 07 Jun 2024



### Graphs

