

LIEBHERR

CONSTRUCTION EQUIPMENT



[INTERNAL] LIEBHERR LH50 110457 - Rear Right Wheel Hub

Sample No: LH0246713

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Information sur l'échantillon

| | | | | |
|----------------------|-------------|-----|-----|-----|
| Numéro d'échant. | LH0246713 | --- | --- | --- |
| Date d'échant. | 10 Feb 2023 | --- | --- | --- |
| Heures de la Machine | 7700 | --- | --- | --- |
| Heures de l'huile | 0 | --- | --- | --- |
| Huile changée | N/A | --- | --- | --- |
| Statut de l'échant. | NORMAL | --- | --- | --- |

LIEBHERR CANADA

10 LYNDS AVENUE
 MONCTON, NB
 CA E1H 3K2
 Contact: Bryan Wood
 bryan.wood@liebherr.com
 T:
 F: (506)854-2940



État d'huile

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Visc 40°C | cSt | 176 | --- | --- | --- |
|-----------|-----|-----|-----|-----|-----|



Contamination

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Eau | % | NEG | --- | --- | --- |
| Silicium | ppm | 3 | --- | --- | --- |
| Sodium | ppm | 10 | --- | --- | --- |
| Potassium | ppm | <1 | --- | --- | --- |



Métaux d'usure

| | | | | | |
|-----------|-----|----|-----|-----|-----|
| Fer | ppm | 99 | --- | --- | --- |
| Cuivre | ppm | 4 | --- | --- | --- |
| Plomb | ppm | 0 | --- | --- | --- |
| Étain | ppm | 0 | --- | --- | --- |
| Aluminium | ppm | <1 | --- | --- | --- |
| Chrome | ppm | <1 | --- | --- | --- |
| Molybdène | ppm | 0 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titane | ppm | 0 | --- | --- | --- |
| Argent | ppm | 0 | --- | --- | --- |
| Manganèse | ppm | 1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



Additifs

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Calcium | ppm | 10 | --- | --- | --- |
| Magnésium | ppm | <1 | --- | --- | --- |
| Zinc | ppm | 6 | --- | --- | --- |
| Phosphore | ppm | 2487 | --- | --- | --- |
| Baryum | ppm | 0 | --- | --- | --- |
| Bore | ppm | 2 | --- | --- | --- |

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: LIEMON
 Unique No: 5542519
 Signed: Wes Davis
 Report Date: 16 Mar 2023



Graphs

