

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 113527-1216 - Front Right Wheel Hub

Sample No: LH0290621

Oil Type: GEAR OIL SAE 80W90



LIEBHERR CANADA LTEE
 444 AVENUE DE LA FRICHE
 DOLBEAU-MISTASSINI, QC
 CA G8L 3M7
 Contact: Martin Gagnon
 martin.gagnon@liebherr.com
 T:
 F: (418)276-9844



Information sur l'échantillon

| | | | | |
|----------------------|-------------|-------------|-----|-----|
| Numéro d'échant. | LH0290621 | LH | --- | --- |
| Date d'échant. | 13 Jun 2024 | 13 Mar 2023 | --- | --- |
| Heures de la Machine | 0 | 0 | --- | --- |
| Heures de l'huile | 0 | 0 | --- | --- |
| Huile changée | N/A | N/A | --- | --- |
| Statut de l'échant. | NORMAL | NORMAL | --- | --- |



État d'huile

| | | | | | |
|-----------|-----|-------|-------|-----|-----|
| Visc 40°C | cSt | ● 178 | ● 181 | --- | --- |
|-----------|-----|-------|-------|-----|-----|



Contamination

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Eau | % | NEG | NEG | --- | --- |
| Silicium | ppm | ● 3 | ● 5 | --- | --- |
| Sodium | ppm | ● 8 | ● 13 | --- | --- |
| Potassium | ppm | ● <1 | ● 2 | --- | --- |



Métaux d'usure

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Fer | ppm | ● 40 | ● 62 | --- | --- |
| Cuivre | ppm | ● 6 | ● 10 | --- | --- |
| Plomb | ppm | ● 0 | ● <1 | --- | --- |
| Étain | ppm | ● 0 | ● 0 | --- | --- |
| Aluminium | ppm | ● <1 | ● 1 | --- | --- |
| Chrome | ppm | ● 0 | ● 0 | --- | --- |
| Molybdène | ppm | ● 0 | ● 0 | --- | --- |
| Nickel | ppm | ● <1 | ● 0 | --- | --- |
| Titane | ppm | 0 | 0 | --- | --- |
| Argent | ppm | 0 | 0 | --- | --- |
| Manganèse | ppm | ● <1 | ● 2 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



Additifs

| | | | | | |
|-----------|-----|--------|--------|-----|-----|
| Calcium | ppm | ● 22 | ● 30 | --- | --- |
| Magnésium | ppm | ● 1 | ● 1 | --- | --- |
| Zinc | ppm | ● 19 | ● 28 | --- | --- |
| Phosphore | ppm | ● 2237 | ● 2452 | --- | --- |
| Baryum | ppm | ● 0 | ● 0 | --- | --- |
| Bore | ppm | ● <1 | ● 2 | --- | --- |

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: LBADOL
 Unique No: 5799609
 Signed: Wes Davis
 Report Date: 14 Jun 2024



Graphs

