

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 142190-1250 - Front Differential

Sample No: LH0285129

Oil Type: GEAR OIL SAE 75W90



Combined Metals Industries
8470 Keele Street
Concord, ON
CA L4K 2S1
Contact: Service Manager



INFORMATION SUR L'ÉCHANTILLON

| | | | | |
|----------------------|-------------|-------------|-----|-----|
| Numéro d'échant. | LH0285129 | LH0257002 | --- | --- |
| Date d'échant. | 29 Jan 2024 | 19 Mar 2023 | --- | --- |
| Heures de la Machine | 2241 | 754 | --- | --- |
| Heures de l'huile | 0 | 0 | --- | --- |
| Huile changée | Changed | Not Changd | --- | --- |
| Statut de l'échant. | NORMAL | NORMAL | --- | --- |



ÉTAT D'HUILE

| | | | | | |
|-----------|-----|-------|--------|-----|-----|
| Visc 40°C | cSt | ● 100 | ● 65.1 | --- | --- |
|-----------|-----|-------|--------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|------|-----|-----|
| Eau | % | NEG | NEG | --- | --- |
| Silicium | ppm | ● 2 | ● 11 | --- | --- |
| Sodium | ppm | ● 2 | ● 17 | --- | --- |
| Potassium | ppm | ● 1 | ● <1 | --- | --- |



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Fer | ppm | ● 4 | ● 11 | --- | --- |
| Cuivre | ppm | ● <1 | ● 1 | --- | --- |
| Plomb | ppm | ● 0 | ● 0 | --- | --- |
| Étain | ppm | ● 0 | ● 0 | --- | --- |
| Aluminium | ppm | ● <1 | ● 1 | --- | --- |
| Chrome | ppm | ● 0 | ● <1 | --- | --- |
| Molybdène | ppm | ● 0 | <1 | --- | --- |
| Nickel | ppm | ● 0 | ● <1 | --- | --- |
| Titane | ppm | 0 | <1 | --- | --- |
| Argent | ppm | 0 | 0 | --- | --- |
| Manganèse | ppm | ● 0 | 4 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIFS

| | | | | | |
|-----------|-----|--------|------|-----|-----|
| Calcium | ppm | ● 282 | 3744 | --- | --- |
| Magnésium | ppm | ● 2 | 12 | --- | --- |
| Zinc | ppm | ● 125 | 1423 | --- | --- |
| Phosphore | ppm | ● 1204 | 1238 | --- | --- |
| Baryum | ppm | ● 0 | 0 | --- | --- |
| Bore | ppm | ● 283 | 100 | --- | --- |

T:
F:

Diagnostic

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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: COM847CON
Unique No: 5721321
Signed: Wes Davis
Report Date: 30 Jan 2024



GRAPHS

