

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 142190-1250 - Diesel Engine

Sample No: LH0278910

Oil Type: DIESEL ENGINE OIL SAE 40



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



INFORMATION SUR L'ÉCHANTILLON

| | | | | |
|----------------------|-------------|-----|-----|-----|
| Numéro d'échant. | LH0278910 | --- | --- | --- |
| Date d'échant. | 20 Nov 2023 | --- | --- | --- |
| Heures de la Machine | 1772 | --- | --- | --- |
| Heures de l'huile | 0 | --- | --- | --- |
| Huile changée | Changed | --- | --- | --- |
| Statut de l'échant. | NORMAL | --- | --- | --- |



ÉTAT D'HUILE

| | | | | | |
|----------------|-----|------|-----|-----|-----|
| Visc 100°C | cSt | 13.2 | --- | --- | --- |
| Oxydation (PA) | % | 60 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|------------------|-----|------|-----|-----|-----|
| Eau | % | NEG | --- | --- | --- |
| % de suie | % | 0 | --- | --- | --- |
| Nitration (PA) | % | 56 | --- | --- | --- |
| Sulfatation (PA) | % | 53 | --- | --- | --- |
| Glycol | % | NEG | --- | --- | --- |
| Essence | % | <1.0 | --- | --- | --- |
| Silicium | ppm | 7 | --- | --- | --- |
| Sodium | ppm | 2 | --- | --- | --- |
| Potassium | ppm | 0 | --- | --- | --- |



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|----|-----|-----|-----|
| Fer | ppm | 14 | --- | --- | --- |
| Cuivre | ppm | 3 | --- | --- | --- |
| Plomb | ppm | <1 | --- | --- | --- |
| Étain | ppm | 0 | --- | --- | --- |
| Aluminium | ppm | 1 | --- | --- | --- |
| Chrome | ppm | 0 | --- | --- | --- |
| Molybdène | ppm | 60 | --- | --- | --- |
| Nickel | ppm | 0 | --- | --- | --- |
| Titane | ppm | 0 | --- | --- | --- |
| Argent | ppm | 0 | --- | --- | --- |
| Manganèse | ppm | 0 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIFS

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Calcium | ppm | 1056 | --- | --- | --- |
| Magnésium | ppm | 988 | --- | --- | --- |
| Zinc | ppm | 1192 | --- | --- | --- |
| Phosphore | ppm | 998 | --- | --- | --- |
| Baryum | ppm | <1 | --- | --- | --- |
| Bore | ppm | 6 | --- | --- | --- |

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) DIESEL ENGINE OIL SAE 40. 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: 5682919
Signed: Wes Davis
Report Date: 21 Nov 2023



GRAPHS

