

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144842-1216 - Splitter Box

Sample No: LH0274653

Oil Type: GEAR OIL SAE 80W90



American Iron and Metal
140 DOWTY ROAD
AJAX, ON
CA L1S 1P7
Contact: Service Manager



INFORMATION SUR L'ÉCHANTILLON

| | | | | |
|----------------------|-------------|-------------|-----|-----|
| Numéro d'échant. | LH0274653 | LH0256570 | --- | --- |
| Date d'échant. | 23 Aug 2023 | 09 Mar 2023 | --- | --- |
| Heures de la Machine | 1252 | 561 | --- | --- |
| Heures de l'huile | 0 | 0 | --- | --- |
| Huile changée | Changed | Changed | --- | --- |
| Statut de l'échant. | NORMAL | NORMAL | --- | --- |



ÉTAT D'HUILE

| | | | | | |
|-----------|-----|-------|-------|-----|-----|
| Visc 40°C | cSt | ● 116 | ● 193 | --- | --- |
|-----------|-----|-------|-------|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Silicium | ppm | ● <1 | ● <1 | --- | --- |
| Sodium | ppm | ● 2 | ● 2 | --- | --- |
| Potassium | ppm | ● 2 | ● 3 | --- | --- |

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.



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Fer | ppm | ● 23 | ● 20 | --- | --- |
| Cuivre | ppm | ● <1 | ● 1 | --- | --- |
| Plomb | ppm | ● <1 | ● <1 | --- | --- |
| Étain | ppm | ● 0 | ● 0 | --- | --- |
| Aluminium | ppm | ● <1 | ● 0 | --- | --- |
| Chrome | ppm | ● <1 | ● 0 | --- | --- |
| Molybdène | ppm | ● 0 | ● 0 | --- | --- |
| Nickel | ppm | ● <1 | ● <1 | --- | --- |
| Titane | ppm | ● 0 | ● 0 | --- | --- |
| Argent | ppm | ● <1 | ● 0 | --- | --- |
| Manganèse | ppm | ● <1 | ● 2 | --- | --- |
| Vanadium | ppm | ● 0 | ● 0 | --- | --- |



ADDITIFS

| | | | | | |
|-----------|-----|--------|--------|-----|-----|
| Calcium | ppm | ● 18 | ● 17 | --- | --- |
| Magnésium | ppm | ● 2 | ● 2 | --- | --- |
| Zinc | ppm | ● 28 | ● 19 | --- | --- |
| Phosphore | ppm | ● 1428 | ● 1702 | --- | --- |
| Baryum | ppm | ● <1 | ● 0 | --- | --- |
| Bore | ppm | ● 180 | ● 1 | --- | --- |

Depot: AME140AJA
Unique No: 5631265
Signed: Wes Davis
Report Date: 24 Aug 2023



GRAPHS

