

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 077508 - Diesel Engine

Sample No: LH0289774

Oil Type: DIESEL ENGINE OIL SAE 40



J.M. BASTILLE ACIER INC
396 RUE TEMISCOUATA,, CP 744
RIVIERE DU LOUP, QC
CA G5R 3Z3
Contact: MANAGER SERVICE

T: (418)862-3346
F:



Information sur l'échantillon

| | | | | |
|----------------------|-------------|-----|-----|-----|
| Numéro d'échant. | LH0289774 | --- | --- | --- |
| Date d'échant. | 01 May 2024 | --- | --- | --- |
| Heures de la Machine | 16364 | --- | --- | --- |
| Heures de l'huile | 0 | --- | --- | --- |
| Huile changée | N/A | --- | --- | --- |
| Statut de l'échant. | ABNORMAL | --- | --- | --- |



État d'huile

| | | | | | |
|----------------|-----|------|-----|-----|-----|
| Visc 100°C | cSt | 14.7 | --- | --- | --- |
| Oxydation (PA) | % | 76 | --- | --- | --- |



Contamination

| | | | | | |
|------------------|-----|------|-----|-----|-----|
| Eau | % | NEG | --- | --- | --- |
| % de suie | % | 0.6 | --- | --- | --- |
| Nitration (PA) | % | 96 | --- | --- | --- |
| Sulfatation (PA) | % | 65 | --- | --- | --- |
| Glycol | % | 0.0 | --- | --- | --- |
| Essence | % | <1.0 | --- | --- | --- |
| Silicium | ppm | 9 | --- | --- | --- |
| Sodium | ppm | 3 | --- | --- | --- |
| Potassium | ppm | 7 | --- | --- | --- |



Métaux d'usure

| | | | | | |
|-----------|-----|----|-----|-----|-----|
| Fer | ppm | 35 | --- | --- | --- |
| Cuivre | ppm | 2 | --- | --- | --- |
| Plomb | ppm | 0 | --- | --- | --- |
| Étain | ppm | 0 | --- | --- | --- |
| Aluminium | ppm | 17 | --- | --- | --- |
| Chrome | ppm | 1 | --- | --- | --- |
| Molybdène | ppm | 0 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titane | ppm | 0 | --- | --- | --- |
| Argent | ppm | 0 | --- | --- | --- |
| Manganèse | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



Additifs

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Calcium | ppm | 2240 | --- | --- | --- |
| Magnésium | ppm | 27 | --- | --- | --- |
| Zinc | ppm | 1189 | --- | --- | --- |
| Phosphore | ppm | 998 | --- | --- | --- |
| Baryum | ppm | <1 | --- | --- | --- |
| Bore | ppm | 95 | --- | --- | --- |

Diagnostic

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. Aluminum ppm levels are abnormal. Piston wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: JMBRIV
Unique No: 5776005
Signed: Kevin Marson
Report Date: 13 May 2024



Graphs

