

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 158368-1250 - Diesel Engine

Sample No: LH0284685

Oil Type: SAE 10W40



BELLEMARE RECYCLAGE - SABLE DES FORGES INC
8750 BOUL INDUSTRIEL
TROIS-RIVIERES, QC
CA G9A 5E1
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Information sur l'échantillon

| | | | | |
|----------------------|-------------|-------------|-----|-----|
| Numéro d'échant. | LH0284685 | LH0284718 | --- | --- |
| Date d'échant. | 25 Jun 2024 | 10 Apr 2024 | --- | --- |
| Heures de la Machine | 1070 | 500 | --- | --- |
| Heures de l'huile | 0 | 0 | --- | --- |
| Huile changée | Changed | N/A | --- | --- |
| Statut de l'échant. | NORMAL | NORMAL | --- | --- |



État d'huile

| | | | | | |
|----------------|-----|------|------|-----|-----|
| Visc 100°C | cSt | 13.1 | 12.0 | --- | --- |
| Oxydation (PA) | % | 69 | 167 | --- | --- |



Contamination

| | | | | | |
|------------------|-----|------|-----|-----|-----|
| Eau | % | NEG | NEG | --- | --- |
| % de suie | % | 0 | 0 | --- | --- |
| Nitration (PA) | % | 60 | 83 | --- | --- |
| Sulfatation (PA) | % | 57 | 98 | --- | --- |
| Glycol | % | NEG | NEG | --- | --- |
| Essence | % | <1.0 | 0.4 | --- | --- |
| Silicium | ppm | 14 | 42 | --- | --- |
| Sodium | ppm | 2 | 4 | --- | --- |
| Potassium | ppm | <1 | <1 | --- | --- |



Métaux d'usure

| | | | | | |
|-----------|-----|----|----|-----|-----|
| Fer | ppm | 20 | 23 | --- | --- |
| Cuivre | ppm | 3 | 18 | --- | --- |
| Plomb | ppm | 0 | <1 | --- | --- |
| Étain | ppm | 0 | <1 | --- | --- |
| Aluminium | ppm | 2 | 3 | --- | --- |
| Chrome | ppm | <1 | <1 | --- | --- |
| Molybdène | ppm | 58 | 47 | --- | --- |
| Nickel | ppm | <1 | 0 | --- | --- |
| Titane | ppm | 0 | <1 | --- | --- |
| Argent | ppm | 0 | 0 | --- | --- |
| Manganèse | ppm | <1 | 4 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



Additifs

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Calcium | ppm | 1086 | 1751 | --- | --- |
| Magnésium | ppm | 978 | 815 | --- | --- |
| Zinc | ppm | 1191 | 921 | --- | --- |
| Phosphore | ppm | 960 | 788 | --- | --- |
| Baryum | ppm | <1 | 5 | --- | --- |
| Bore | ppm | 5 | 95 | --- | --- |

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: GESTRO
Unique No: 5802084
Signed: Wes Davis
Report Date: 28 Jun 2024



Graphs

