

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 077068-1758 - Front Differential

Sample No: LH0290875

Oil Type: GEAR OIL SAE 80W90



Information sur l'échantillon

| | | | | |
|----------------------|-------------|-----|-----|-----|
| Numéro d'échant. | LH0290875 | --- | --- | --- |
| Date d'échant. | 13 Jun 2024 | --- | --- | --- |
| Heures de la Machine | 0 | --- | --- | --- |
| Heures de l'huile | 0 | --- | --- | --- |
| Huile changée | N/A | --- | --- | --- |
| Statut de l'échant. | SEVERE | --- | --- | --- |

Sintra Inc. (division Ouest)
 9975 rue de Chateaufort, Local B
 Brossard, QC
 CA J4Z 3V6
 Contact: Service Manager
 jonathan.smith@sintra.ca
 T:
 F:



État d'huile

| | | | | | |
|-----------|-----|-------|-----|-----|-----|
| Visc 40°C | cSt | ● 192 | --- | --- | --- |
|-----------|-----|-------|-----|-----|-----|



Contamination

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Eau | % | NEG | --- | --- | --- |
| Silicium | ppm | ● 33 | --- | --- | --- |
| Sodium | ppm | ● 7 | --- | --- | --- |
| Potassium | ppm | ● <1 | --- | --- | --- |



Métaux d'usure

| | | | | | |
|-----------|-----|-------|-----|-----|-----|
| Fer | ppm | ● 581 | --- | --- | --- |
| Cuivre | ppm | ● 160 | --- | --- | --- |
| Plomb | ppm | ● 3 | --- | --- | --- |
| Étain | ppm | ● 12 | --- | --- | --- |
| Aluminium | ppm | ● 2 | --- | --- | --- |
| Chrome | ppm | ● 4 | --- | --- | --- |
| Molybdène | ppm | ● 0 | --- | --- | --- |
| Nickel | ppm | ● 10 | --- | --- | --- |
| Titane | ppm | 0 | --- | --- | --- |
| Argent | ppm | 0 | --- | --- | --- |
| Manganèse | ppm | 35 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



Additifs

| | | | | | |
|-----------|-----|--------|-----|-----|-----|
| Calcium | ppm | ● 7 | --- | --- | --- |
| Magnésium | ppm | ● 6 | --- | --- | --- |
| Zinc | ppm | ● 42 | --- | --- | --- |
| Phosphore | ppm | ● 2221 | --- | --- | --- |
| Baryum | ppm | ● <1 | --- | --- | --- |
| Bore | ppm | ● 2 | --- | --- | --- |

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) GEAR OIL SAE 80W90. Please confirm. Copper, nickel and tin ppm levels are severe. Thrust washer and/or bearing/bushing wear is indicated. We have assumed that this component is not breaking in (age of component not reported). 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: SINBRO
Unique No: 5799604
Signed: Kevin Marson
Report Date: 17 Jun 2024



Graphs

