

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R945 057326-1866 - Diesel Engine

Sample No: LH0275577

Oil Type: DIESEL ENGINE OIL SAE 10W30



Information sur l'échantillon

| | | | | |
|----------------------|-------------|-----|-----|-----|
| Numéro d'échant. | LH0275577 | --- | --- | --- |
| Date d'échant. | 29 Nov 2023 | --- | --- | --- |
| Heures de la Machine | 512 | --- | --- | --- |
| Heures de l'huile | 0 | --- | --- | --- |
| Huile changée | N/A | --- | --- | --- |
| Statut de l'échant. | NORMAL | --- | --- | --- |



État d'huile

| | | | | | |
|----------------|-----|--------|-----|-----|-----|
| Visc 100°C | cSt | ● 12.1 | --- | --- | --- |
| Oxydation (PA) | % | ● 203 | --- | --- | --- |



Contamination

| | | | | | |
|------------------|-----|-------|-----|-----|-----|
| Eau | % | ● NEG | --- | --- | --- |
| % de suie | % | ● 0 | --- | --- | --- |
| Nitration (PA) | % | ● 106 | --- | --- | --- |
| Sulfatation (PA) | % | ● 109 | --- | --- | --- |
| Glycol | % | ● NEG | --- | --- | --- |
| Essence | % | ● 0.0 | --- | --- | --- |
| Silicium | ppm | ● 12 | --- | --- | --- |
| Sodium | ppm | ● 2 | --- | --- | --- |
| Potassium | ppm | ● 7 | --- | --- | --- |



Métaux d'usure

| | | | | | |
|-----------|-----|-------|-----|-----|-----|
| Fer | ppm | ● 14 | --- | --- | --- |
| Cuivre | ppm | ● 187 | --- | --- | --- |
| Plomb | ppm | ● 9 | --- | --- | --- |
| Étain | ppm | ● 2 | --- | --- | --- |
| Aluminium | ppm | ● 5 | --- | --- | --- |
| Chrome | ppm | ● 1 | --- | --- | --- |
| Molybdène | ppm | ● 43 | --- | --- | --- |
| Nickel | ppm | ● 0 | --- | --- | --- |
| Titane | ppm | ● 0 | --- | --- | --- |
| Argent | ppm | ● 0 | --- | --- | --- |
| Manganèse | ppm | ● 1 | --- | --- | --- |
| Vanadium | ppm | ● 0 | --- | --- | --- |



Additifs

| | | | | | |
|-----------|-----|--------|-----|-----|-----|
| Calcium | ppm | ● 1409 | --- | --- | --- |
| Magnésium | ppm | ● 888 | --- | --- | --- |
| Zinc | ppm | ● 876 | --- | --- | --- |
| Phosphore | ppm | ● 711 | --- | --- | --- |
| Baryum | ppm | ● 25 | --- | --- | --- |
| Bore | ppm | ● 69 | --- | --- | --- |



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Diagnostic

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Les tests n'indiquent aucune trace de carburant dans l'huile. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: CON319STA2

Unique No: 5774868

Signed: Kevin Marson

Report Date: 07 May 2024



Graphs

