

LIEBHERR

CONSTRUCTION EQUIPMENT



[(335553)] LIEBHERR T60-9s 021026-1709 - Front Right Wheel

Sample No: LH0274060

Oil Type: LIEBHERR GEAR BASIC 90 LS



Information sur l'échantillon

| | | | | |
|----------------------|-------------|-------------|-----|-----|
| Numéro d'échant. | LH0274060 | LH | --- | --- |
| Date d'échant. | 29 Jun 2023 | 18 May 2023 | --- | --- |
| Heures de la Machine | 1000 | 2330 | --- | --- |
| Heures de l'huile | 0 | 0 | --- | --- |
| Huile changée | Changed | Changed | --- | --- |
| Statut de l'échant. | NORMAL | NORMAL | --- | --- |

9168-3094 QC INC.
379 DU COLLEGE
St Donat de Montcalm, QC
CA J0T 2C0
Contact: Service Manager



État d'huile

| | | | | | |
|-----------|-----|-----|------|-----|-----|
| Visc 40°C | cSt | 138 | 61.0 | --- | --- |
|-----------|-----|-----|------|-----|-----|

T:
F:



Contamination

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Eau | % | NEG | NEG | --- | --- |
| Silicium | ppm | 3 | 11 | --- | --- |
| Sodium | ppm | 2 | <1 | --- | --- |
| Potassium | ppm | <1 | 0 | --- | --- |

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.



Métaux d'usure

| | | | | | |
|-----------|-----|----|----|-----|-----|
| Fer | ppm | 95 | 72 | --- | --- |
| Cuivre | ppm | 24 | 28 | --- | --- |
| Plomb | ppm | 0 | <1 | --- | --- |
| Étain | ppm | 0 | 0 | --- | --- |
| Aluminium | ppm | <1 | 1 | --- | --- |
| Chrome | ppm | <1 | 0 | --- | --- |
| Molybdène | ppm | 0 | <1 | --- | --- |
| Nickel | ppm | 0 | <1 | --- | --- |
| Titane | ppm | 0 | <1 | --- | --- |
| Argent | ppm | 0 | 0 | --- | --- |
| Manganèse | ppm | <1 | <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



Additifs

| | | | | | |
|-----------|-----|------|------|-----|-----|
| Calcium | ppm | 483 | 2806 | --- | --- |
| Magnésium | ppm | 4 | 12 | --- | --- |
| Zinc | ppm | 170 | 1087 | --- | --- |
| Phosphore | ppm | 1926 | 1660 | --- | --- |
| Baryum | ppm | 0 | 0 | --- | --- |
| Bore | ppm | 13 | 78 | --- | --- |

Depot: 916STD
Unique No: 5788393
Signed: Kevin Marson
Report Date: 31 May 2024



Graphs

