

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A922 146822-1509 - Swing Drive

Sample No: LH0290900

Oil Type: GEAR OIL SAE 80W90



PNR RAILWORKS INC.
65 MASSEY ROAD
GUELPH NW, ON
CA N1H 7M6
Contact: Service Manager



Information sur l'échantillon

| | | | | |
|----------------------|-------------|-------------|-----|-----|
| Numéro d'échant. | LH0290900 | LH0285064 | --- | --- |
| Date d'échant. | 07 Jul 2024 | 29 Jan 2024 | --- | --- |
| Heures de la Machine | 2014 | 1252 | --- | --- |
| Heures de l'huile | 0 | 0 | --- | --- |
| Huile changée | Changed | Changed | --- | --- |
| Statut de l'échant. | NORMAL | NORMAL | --- | --- |



État d'huile

| | | | | | |
|-----------|-----|-----|-------|-----|-----|
| Visc 40°C | cSt | 105 | ● 177 | --- | --- |
|-----------|-----|-----|-------|-----|-----|



Contamination

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Eau | % | NEG | NEG | --- | --- |
| Silicium | ppm | ● 3 | ● 5 | --- | --- |
| Sodium | ppm | ● 1 | ● 4 | --- | --- |
| Potassium | ppm | ● <1 | ● 2 | --- | --- |



Métaux d'usure

| | | | | | |
|-----------|-----|------|-------|-----|-----|
| Fer | ppm | ● 6 | ● 196 | --- | --- |
| Cuivre | ppm | ● 6 | ● 71 | --- | --- |
| Plomb | ppm | ● 0 | ● 2 | --- | --- |
| Étain | ppm | ● 0 | ● 6 | --- | --- |
| Aluminium | ppm | ● <1 | ● 1 | --- | --- |
| Chrome | ppm | ● 0 | ● <1 | --- | --- |
| Molybdène | ppm | ● 0 | ● 0 | --- | --- |
| Nickel | ppm | ● <1 | ● <1 | --- | --- |
| Titane | ppm | 0 | 0 | --- | --- |
| Argent | ppm | <1 | <1 | --- | --- |
| Manganèse | ppm | ● <1 | ● 2 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



Additifs

| | | | | | |
|-----------|-----|--------|--------|-----|-----|
| Calcium | ppm | ● 14 | ● 16 | --- | --- |
| Magnésium | ppm | ● 2 | ● <1 | --- | --- |
| Zinc | ppm | ● 13 | ● 29 | --- | --- |
| Phosphore | ppm | ● 1221 | ● 2204 | --- | --- |
| Baryum | ppm | ● <1 | ● 2 | --- | --- |
| Bore | ppm | ● 299 | ● 8 | --- | --- |

T:
F:

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: PNRGUE
Unique No: 5811986
Signed: Wes Davis
Report Date: 09 Jul 2024



Graphs

