

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A922 146822-1509 - Front Differential

Sample No: LH0285068

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.	LH0285068	---	---	---
Date d'échant.	29 Jan 2024	---	---	---
Heures de la Machine	1252	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Changed	---	---	---
Statut de l'échant.	NORMAL	---	---	---



#### ÉTAT D'HUILE

Visc 40°C	cSt	● 138	---	---	---
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#### CONTAMINATION

Eau	%	NEG	---	---	---
Silicium	ppm	● 3	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 1	---	---	---



#### MÉTAUX D'USURE

Fer	ppm	● 13	---	---	---
Cuivre	ppm	● 16	---	---	---
Plomb	ppm	● <1	---	---	---
Étain	ppm	● 0	---	---	---
Aluminium	ppm	● <1	---	---	---
Chrome	ppm	● <1	---	---	---
Molybdène	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	● 0	---	---	---
Argent	ppm	● 0	---	---	---
Manganèse	ppm	● 1	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIFS

Calcium	ppm	● 9	---	---	---
Magnésium	ppm	● 1	---	---	---
Zinc	ppm	● 19	---	---	---
Phosphore	ppm	● 1661	---	---	---
Baryum	ppm	● 17	---	---	---
Bore	ppm	● 129	---	---	---

T:  
F:

#### Diagnostic

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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:** 5721340  
**Signed:** Wes Davis  
**Report Date:** 30 Jan 2024



### GRAPHS

