

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A922 146822-1509 - Rear Differential

Sample No: LH0290898

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.	LH0290898	LH0285067	---	---
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	109	● 138	---	---
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Contamination

Eau	%	NEG	NEG	---	---
Silicium	ppm	● 4	● 8	---	---
Sodium	ppm	● 3	● 7	---	---
Potassium	ppm	● <1	● 2	---	---



Métaux d'usure

PQ		---	● 117	---	---
Fer	ppm	● 56	180	---	---
Cuivre	ppm	● 10	● 16	---	---
Plomb	ppm	● 0	● <1	---	---
Étain	ppm	● 0	● 0	---	---
Aluminium	ppm	● 1	● 3	---	---
Chrome	ppm	● <1	● 2	---	---
Molybdène	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	<1	<1	---	---
Manganèse	ppm	● 2	● 5	---	---
Vanadium	ppm	0	0	---	---



Additifs

Calcium	ppm	● 15	● 16	---	---
Magnésium	ppm	● 2	● 2	---	---
Zinc	ppm	● 17	● 28	---	---
Phosphore	ppm	● 1322	● 1660	---	---
Baryum	ppm	● 5	● 19	---	---
Bore	ppm	● 258	● 97	---	---

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: 5811985
Signed: Wes Davis
Report Date: 09 Jul 2024



Graphs

