

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R924 054969-1487 - Swing Drive

Sample No: LH0277738

Oil Type: LIEBHERR GEAR BASIC 90 LS



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277738	LH0242477	---	---
Date d'échant.	17 Oct 2023	17 Nov 2022	---	---
Heures de la Machine	2060	543	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Not Changd	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

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ÉTAT D'HUILE

Visc 40°C	cSt	108	● 196	---	---
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CONTAMINATION

Silicium	ppm	● 2	● 1	---	---
Sodium	ppm	● 1	● 4	---	---
Potassium	ppm	● 0	● <1	---	---



MÉTAUX D'USURE

Fer	ppm	● 88	● 42	---	---
Cuivre	ppm	● <1	● <1	---	---
Plomb	ppm	● <1	● 0	---	---
Étain	ppm	● 0	● 0	---	---
Aluminium	ppm	● 0	● <1	---	---
Chrome	ppm	● 1	● 1	---	---
Molybdène	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	<1	0	---	---
Manganèse	ppm	● <1	● 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	● 14	● 13	---	---
Magnésium	ppm	● <1	● <1	---	---
Zinc	ppm	18	● 9	---	---
Phosphore	ppm	1242	● 1599	---	---
Baryum	ppm	● 2	● 6	---	---
Bore	ppm	273	● 3	---	---

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. The condition of the oil is acceptable for the time in service.

Depot: CLOPEM
 Unique No: 5672194
 Signed: Wes Davis
 Report Date: 09 Nov 2023



GRAPHS

