

LIEBHERR

CONSTRUCTION EQUIPMENT



[(340369)] LIEBHERR R920 045718-1705 - Right Final Drive

Sample No: LH0274846

Oil Type: LIEBHERR GEAR BASIC 90 LS



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274846	LH0195627	---	---
Date d'échant.	06 Oct 2023	12 Jul 2022	---	---
Heures de la Machine	4924	2793	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Not Changd	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

CLOUTHIER VENTURES LTD.
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ÉTAT D'HUILE

Visc 40°C	cSt	94.0	● 92.5	---	---
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CONTAMINATION

Silicium	ppm	● 60	● 113	---	---
Sodium	ppm	● 5	● 10	---	---
Potassium	ppm	● 12	● 11	---	---



MÉTAUX D'USURE

Fer	ppm	● 208	● 195	---	---
Cuivre	ppm	● <1	● <1	---	---
Plomb	ppm	● <1	● 0	---	---
Étain	ppm	● 0	● 0	---	---
Aluminium	ppm	● 15	● 34	---	---
Chrome	ppm	● 2	● 2	---	---
Molybdène	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	<1	---	---
Titane	ppm	0	2	---	---
Argent	ppm	<1	0	---	---
Manganèse	ppm	● 1	● 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	● 13	● 23	---	---
Magnésium	ppm	● 4	● 11	---	---
Zinc	ppm	23	● 29	---	---
Phosphore	ppm	1298	● 1275	---	---
Baryum	ppm	● <1	● 1	---	---
Bore	ppm	308	● 269	---	---

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: 5657772
 Signed: Wes Davis
 Report Date: 12 Oct 2023



GRAPHS

