

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(347073)] LIEBHERR R966 048149-1535 - Left Final Drive

Sample No: LH0274612

Oil Type: GEAR OIL SAE 80W90



**Zancon Holdings Inc.**  
 415 Warren Road  
 King City, ON  
 CA L7B 1C4  
 Contact: Frank Provenzano  
 fprovenzano@zanconenv.com  
 T: (416)990-4582  
 F:



### SAMPLE INFORMATION

Sample Number	LH0274612	LH	---	---
Sample Date	14 Sep 2023	20 Jan 2022	---	---
Machine Hours	1959	637	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



### OIL CONDITION

Visc @ 40°C	cSt	114	190	---	---
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### CONTAMINATION

Silicon	ppm	40	3	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	6	3	---	---



### WEAR METALS

Iron	ppm	77	62	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	12	<1	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



### ADDITIVES

Calcium	ppm	37	15	---	---
Magnesium	ppm	6	1	---	---
Zinc	ppm	18	32	---	---
Phosphorus	ppm	1467	2190	---	---
Barium	ppm	<1	2	---	---
Boron	ppm	183	1	---	---

### Diagnosis

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: ZANKIN  
 Unique No: 5643989  
 Signed: Wes Davis  
 Report Date: 15 Sep 2023



### GRAPHS

