

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(364849)] LIEBHERR R934 053396-1487 - Right Final Drive

Sample No: LH0219930

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0219930	LH	---	---
Sample Date	15 Mar 2024	09 Feb 2022	---	---
Machine Hours	1995	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### HUBERT & FILS

474 ROUTE 105  
BOIS-FRANC, QC  
CA J9E 3A9

Contact: Eric Brisebois  
ericbrisebois99@gmail.com

T:  
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#### OIL CONDITION

Visc @ 40°C	cSt	90.6	● 196	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 22	● 2	---	---
Sodium	ppm	● 3	● 4	---	---
Potassium	ppm	● 3	● 4	---	---



#### WEAR METALS

Iron	ppm	● 109	● 70	---	---
Copper	ppm	● <1	● <1	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 5	● <1	---	---
Chromium	ppm	● 2	● 1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 2	● <1	---	---
Titanium	ppm	● <1	● <1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 0	● 1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	● 12	● 14	---	---
Magnesium	ppm	● 2	● <1	---	---
Zinc	ppm	● 15	● 15	---	---
Phosphorus	ppm	1064	● 1427	---	---
Barium	ppm	● 2	● 11	---	---
Boron	ppm	147	● 4	---	---

#### Diagnosis

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: HUBBOI  
Unique No: 5750509  
Signed: Wes Davis  
Report Date: 28 Mar 2024



### GRAPHS

