

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 65883 - Front Left Wheel Hub

Sample No: LH0281167

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0281167	---	---	---
Sample Date	06 Dec 2023	---	---	---
Machine Hours	2967	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Liebherr Canada
 140 - 21320 Gordon Way
 Richmond, BC
 CA V6W 1J8
 Contact: Kevin Steer
 kevin.steer@liebherr.com
 T:
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OIL CONDITION

Visc @ 40°C	cSt	● 181	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <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.



WEAR METALS

Iron	ppm	● 216	---	---	---
Copper	ppm	● 130	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 8	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 12	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 119	---	---	---
Phosphorus	ppm	● 2360	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 1	---	---	---

Depot: LIERIC
Unique No: 5697809
Signed: Wes Davis
Report Date: 21 Dec 2023



GRAPHS

