

LIEBHERR

CONSTRUCTION EQUIPMENT



[MODERN] LIEBHERR L586 74609 - Rear Differential

Sample No: LH0277033

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0277033	---	---	---
Sample Date	21 Oct 2023	---	---	---
Machine Hours	1117	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA

10 LYNDS AVENUE

MONCTON, NB

CA E1H 3K2

Contact: Mike Clark

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OIL CONDITION

Visc @ 40°C	cSt	● 189	---	---	---
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CONTAMINATION

Silicon	ppm	● 34	---	---	---
Sodium	ppm	● 10	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 510	---	---	---
Copper	ppm	● 139	---	---	---
Lead	ppm	● 4	---	---	---
Tin	ppm	● 11	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	34	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 8	---	---	---
Magnesium	ppm	● 6	---	---	---
Zinc	ppm	● 119	---	---	---
Phosphorus	ppm	● 2205	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 4	---	---	---

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: LIEMON

Unique No: 5669281

Signed: Kevin Marson

Report Date: 27 Oct 2023



GRAPHS

