

LIEBHERR

CONSTRUCTION EQUIPMENT



[MODERN] LIEBHERR L586 74609 - Rear Left Wheel Hub

Sample No: LH0277036

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0277036	---	---	---
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	32	---	---	---
Sodium	ppm	10	---	---	---
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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	515	---	---	---
Copper	ppm	140	---	---	---
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	13	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	121	---	---	---
Phosphorus	ppm	2269	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	4	---	---	---

Depot: LIEMON

Unique No: 5669278

Signed: Kevin Marson

Report Date: 27 Oct 2023



GRAPHS

