

LIEBHERR

CONSTRUCTION EQUIPMENT



[MODERN] LIEBHERR L586 74609 - Front Left Wheel Hub

Sample No: LH0284812

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0284812	LH0277037	---	---
Sample Date	02 Mar 2024	21 Oct 2023	---	---
Machine Hours	11699	1117	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

LIEBHERR CANADA

10 LYNDS AVENUE
 MONCTON, NB
 CA E1H 3K2
 Contact: Bryan Wood
 bryan.wood@liebherr.com
 T:
 F: (506)854-2940



OIL CONDITION

Visc @ 40°C	cSt	184	189	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	33	---	---
Sodium	ppm	3	10	---	---
Potassium	ppm	1	<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	188	645	---	---
Copper	ppm	129	144	---	---
Lead	ppm	3	4	---	---
Tin	ppm	6	12	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	1	4	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	11	35	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4	13	---	---
Magnesium	ppm	2	6	---	---
Zinc	ppm	44	104	---	---
Phosphorus	ppm	2336	2264	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	1	4	---	---

Depot: LIEMON
 Unique No: 5747932
 Signed: Wes Davis
 Report Date: 19 Mar 2024



GRAPHS

