

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 1334-49308 - Rear Left Wheel Hub

Sample No: LH0172273

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0172273	LH0172260	LH0172247	---
Sample Date	15 Feb 2024	19 Jun 2023	12 Aug 2022	---
Machine Hours	6112	5000	4006	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

STARK PAVING
 12845 BURLEIGH ROAD
 BROOKFIELD, WI
 US 53005
 Contact: DANIEL MIGAAZ
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 T: (414)507-5987
 F:



Oil Condition

Visc @ 40°C	cSt	191	180	190	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	4	6	---
Sodium	ppm	3	0	6	---
Potassium	ppm	<1	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	63	50	109	---
Copper	ppm	20	37	73	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	1	2	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	4	4	10	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	2	17	25	---
Magnesium	ppm	0	6	2	---
Zinc	ppm	8	52	116	---
Phosphorus	ppm	2473	2215	2360	---
Barium	ppm	0	0	0	---
Boron	ppm	1	0	3	---

Depot: STABROWI
 Unique No: 11129891
 Signed: Wes Davis
 Report Date: 20 Jul 2024



Graphs

