

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 1334-49308 - Splitter Box

Sample No: LH0172269

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0172269	LH0172256	LH0172243	---
Sample Date	15 Feb 2024	19 Jun 2023	12 Aug 2022	---
Machine Hours	6112	5000	4006	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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



Oil Condition

Visc @ 40°C	cSt	152	150	195	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	<1	2	---
Sodium	ppm	1	0	4	---
Potassium	ppm	0	1	0	---

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	12	16	59	---
Copper	ppm	2	2	3	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	0	0	1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	4	5	9	---
Nickel	ppm	2	4	26	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	3	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	99	167	65	---
Magnesium	ppm	0	3	7	---
Zinc	ppm	245	309	310	---
Phosphorus	ppm	2137	2078	2360	---
Barium	ppm	0	0	0	---
Boron	ppm	1	0	3	---

Depot: STABROWI
 Unique No: 11129889
 Signed: Wes Davis
 Report Date: 20 Jul 2024



Graphs

