

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L526 058450-1558 - Rear Right Wheel Hub

Sample No: LH0289594

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0289594	LH0261291	LH0230914	---
Sample Date	15 Apr 2024	21 Apr 2023	26 May 2022	---
Machine Hours	3938	3178	1792	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

CLOUTHIER VENTURES LTD.
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 CA K8A 0A6
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Oil Condition

Visc @ 40°C	cSt	128	97.5	121	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	4	11	---
Sodium	ppm	1	1	2	---
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	55	52	73	---
Copper	ppm	0	0	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	2	0	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	1	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	12	19	41	---
Magnesium	ppm	1	<1	2	---
Zinc	ppm	14	24	36	---
Phosphorus	ppm	1892	1504	1759	---
Barium	ppm	<1	0	2	---
Boron	ppm	153	291	184	---

Depot: CLOPEM
 Unique No: 5763125
 Signed: Wes Davis
 Report Date: 18 Apr 2024



Graphs

