

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 135986 - Front Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



Sample Information

Sample Number	LH	LH0278484	LH0265909	---
Sample Date	04 Jul 2024	22 Dec 2023	23 Mar 2023	---
Machine Hours	5083	3966	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Industrial Metals

550 Messier St.
Winnipeg, MB
CA R2J 0G5
Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	192	176	181	---
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T:
F:



Contamination

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



Additives

Calcium	ppm	6	3	21	---
Magnesium	ppm	<1	<1	2	---
Zinc	ppm	4	5	9	---
Phosphorus	ppm	2270	2281	2328	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	<1	1	---

Depot: IND550WIN
Unique No: 5814290
Signed: Wes Davis
Report Date: 18 Jul 2024



Graphs

