

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 145272-1253 - Splitter Box

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



Sample Information

Sample Number	LH	LH	LH	LH0250163
Sample Date	12 Jun 2024	14 Mar 2024	12 Dec 2023	08 Sep 2023
Machine Hours	2528	2004	1500	1004
Oil Hours	500	0	500	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Industrial Metals

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



Oil Condition

Visc @ 40°C	cSt	183	184	185	194
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	2
Sodium	ppm	<1	1	1	2
Potassium	ppm	<1	<1	0	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	14	15	17	21
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	0	0	1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	11	11	13	9
Magnesium	ppm	2	1	1	2
Zinc	ppm	14	13	20	22
Phosphorus	ppm	2313	2336	2088	2018
Barium	ppm	0	0	<1	0
Boron	ppm	3	2	3	<1

Depot: IND550WIN
Unique No: 5800558
Signed: Wes Davis
Report Date: 19 Jun 2024



Graphs

