

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 145272-1253 - Splitter Box

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH	LH0250163	LH0250168	---
Sample Date	12 Dec 2023	08 Sep 2023	05 Jun 2023	---
Machine Hours	1500	1004	500	---
Oil Hours	500	0	500	---
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	185	194	196	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	2	---
Sodium	ppm	1	2	3	---
Potassium	ppm	0	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	17	21	21	---
Copper	ppm	<1	<1	2	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	13	9	23	---
Magnesium	ppm	1	2	8	---
Zinc	ppm	20	22	29	---
Phosphorus	ppm	2088	2018	1748	---
Barium	ppm	<1	0	<1	---
Boron	ppm	3	<1	2	---

Depot: IND550WIN
Unique No: 5696367
Signed: Wes Davis
Report Date: 14 Dec 2023



GRAPHS

