

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 156305-1215 - Rear Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



Urban Mine
72 Rothwell Rd.
Winnipeg, MB
CA R3P 2H7
Contact: SERVICE

T: (204)774-0192
F:

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.



Sample Information

Sample Number	LH	LH0278474	---	---
Sample Date	09 May 2024	20 Feb 2024	---	---
Machine Hours	1010	536	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	● 113	● 141	---	---
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Contamination

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



Wear Metals

Iron	ppm	● 8	● 16	---	---
Copper	ppm	● 6	● 7	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 0	● 0	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	● 32	● 138	---	---
Magnesium	ppm	● 1	● 1	---	---
Zinc	ppm	● 13	● 20	---	---
Phosphorus	ppm	● 1300	● 1484	---	---
Barium	ppm	● <1	● 2	---	---
Boron	ppm	● 246	● 10	---	---

Depot: URBWIN
Unique No: 5776555
Signed: Wes Davis
Report Date: 14 May 2024

Submitted By: Vincent Blanchette



Graphs

