

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LRB18 110900 HAMMER DRILL - Final Drive

Sample No: LH06062226

Oil Type: LS PLUS 220



SAMPLE INFORMATION

Sample Number	LH06062226	---	---	---
Sample Date	22 Dec 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FINKBINER EQUIPMENT CO.
 15 W 400 N FRONTAGE RD
 BURR RIDGE, IL
 US 60527
 Contact: TROY MILLER
 tmiller@finkbiner.com
 T: (630)654-3700
 F: (630)654-3792



OIL CONDITION

Visc @ 40°C	cSt	● 236	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 12	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 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	● 89	---	---	---
Copper	ppm	● 12	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	17	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	21	---	---	---
Phosphorus	ppm	421	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	13	---	---	---

Depot: LEC0033
Unique No: 10833608
Signed: Wes Davis
Report Date: 18 Jan 2024



GRAPHS

