



CONSTRUCTION EQUIPMENT

LIEBHERR LH40 137239 - FRONT DIFFERENTIAL



Sample No: VCPMC133678

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCPMC133678	---	---	---
Sample Date	05 Sep 2023	---	---	---
Machine Hours	2230	---	---	---
Oil Hours	2230	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

FINKBINER EQUIPMENT CO.

15 W 400 N FRONTAGE RD
BURR RIDGE, IL
US 60527

Contact: DON FITZGERALD
dfitzgerald@finkbiner.com

T: (815)546-8991

F: (630)654-3792



OIL CONDITION

Visc @ 40°C	cSt	█ 185	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
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	█ 16	---	---	---
Copper	ppm	█ 25	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	55	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	33	---	---	---
Phosphorus	ppm	1135	---	---	---
Barium	ppm	389	---	---	---
Boron	ppm	2	---	---	---

Depot: LEC0033

Unique No: 10646919

Signed: Don Baldrige

Report Date: 19 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

