

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[GELENA ROAD GRAVEL]] LIEBHERR L556 068648-1827 -Rear Diff

Sample No: LHMC124457

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LHMC124457	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

#### FINKBINER EQUIPMENT

3501 N. MAIN ST  
EAST PEORIA, IL  
US 61611  
Contact: ZACH WAKID  
zwakid@finkbiner.com  
T: (309)863-4831  
F:



#### OIL CONDITION

Visc @ 40°C	cSt	● 194	---	---	---
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#### CONTAMINATION

Silicon	ppm	● 29	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● 1	---	---	---

#### Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. 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	● 426	---	---	---
Copper	ppm	● 180	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 12	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	33	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 4	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 36	---	---	---
Phosphorus	ppm	● 2594	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 8	---	---	---

Depot: FINEASIL  
Unique No: 10698005  
Signed: Sean Felton  
Report Date: 18 Oct 2023



### GRAPHS

