

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60 115240-1529 - Left Wheel Hub

Sample No: LHMC107776

Oil Type: LIEBHERR GEAR BASIC 90 LS



**DAVIS INDUSTRIAL INC.**  
 9920 RICHMOND HIGHWAY  
 LORTON, VA  
 US 22079  
 Contact: JAMIE  
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#### Sample Information

Sample Number	LHMC107776	LH0272837	---	---
Sample Date	17 Apr 2024	20 Dec 2023	---	---
Machine Hours	5177	4719	---	---
Oil Hours	485	686	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	185	107	---	---
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#### Contamination

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



#### Wear Metals

Iron	ppm	22	32	---	---
Copper	ppm	2	7	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	0	14	---	---
Magnesium	ppm	0	1	---	---
Zinc	ppm	6	0	---	---
Phosphorus	ppm	2004	857	---	---
Barium	ppm	0	0	---	---
Boron	ppm	1	2	---	---

#### 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.

Depot: DAVLORVA  
 Unique No: 11002875  
 Signed: Wes Davis  
 Report Date: 29 Apr 2024



### Graphs

