

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60 115240-1529 - Splitter Box

Sample No: LHMC107773

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### Sample Information

Sample Number	LHMC107773	LH0272835	LH0254122	LHMC115997
Sample Date	17 Apr 2024	20 Dec 2023	17 Jun 2023	29 Sep 2022
Machine Hours	5177	4719	4033	2906
Oil Hours	485	686	775	1816
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**DAVIS INDUSTRIAL INC.**  
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 LORTON, VA  
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 Contact: JAMIE  
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 T:  
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#### Oil Condition

Visc @ 40°C	cSt	182	216	134	91.5
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#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	3	2	2
Sodium	ppm	1	0	<1	<1
Potassium	ppm	0	1	2	0



#### Wear Metals

Iron	ppm	17	14	13	9
Copper	ppm	<1	2	1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	2	<1	3
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	49	104	83	99
Magnesium	ppm	0	3	3	3
Zinc	ppm	48	82	91	80
Phosphorus	ppm	1845	1116	1054	523
Barium	ppm	0	8	0	0
Boron	ppm	2	5	9	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.

Depot: DAVLORVA  
 Unique No: 11002876  
 Signed: Wes Davis  
 Report Date: 29 Apr 2024



### Graphs

