

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 1253-121539 - Rear Right Wheel Hub

Sample No: LH0213366

Oil Type: GEAR OIL LS 80W90



**KEYSTONE RAIL RECOVERY**  
70 MARYLAND AVE  
JERSEY SHORE, NJ  
US 17740  
Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0213366	LH0213338	---	---
Sample Date	21 Aug 2023	08 Sep 2022	---	---
Machine Hours	3000	1000	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	138	111	---	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	5	5	---	---
Sodium	ppm	5	7	---	---
Potassium	ppm	<1	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	10	10	---	---
Copper	ppm	5	6	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	1377	1644	---	---
Magnesium	ppm	1	6	---	---
Zinc	ppm	510	650	---	---
Phosphorus	ppm	1656	1665	---	---
Barium	ppm	0	0	---	---
Boron	ppm	308	31	---	---

Depot: KEYJER  
Unique No: 10616391  
Signed: Don Baldrige  
Report Date: 23 Aug 2023



### GRAPHS

