

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 1253-121539 - Rear Differential

Sample No: LH0213357

Oil Type: NOT GIVEN



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



#### SAMPLE INFORMATION

Sample Number	LH0213357	LH0213329	---	---
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	137	111	---	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	5	5	---	---
Sodium	ppm	2	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 fluid. The condition of the fluid is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	13	12	---	---
Copper	ppm	4	6	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	3	---	---
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	1042	1644	---	---
Magnesium	ppm	0	6	---	---
Zinc	ppm	364	649	---	---
Phosphorus	ppm	1240	1665	---	---
Barium	ppm	0	0	---	---
Boron	ppm	230	31	---	---

Depot: KEYJER  
Unique No: 10616387  
Signed: Don Baldrige  
Report Date: 23 Aug 2023



### GRAPHS

