

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 1253-121539 - Splitter Box

Sample No: LH0213360

Oil Type: GEAR OIL LS 80W90



#### SAMPLE INFORMATION

Sample Number	LH0213360	LH0213332	---	---
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	---	---

KEYSTONE RAIL RECOVERY

70 MARYLAND AVE

JERSEY SHORE, NJ

US 17740

Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	150	196	---	---
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T:

F:



#### CONTAMINATION

Silicon	ppm	4	1	---	---
Sodium	ppm	2	5	---	---
Potassium	ppm	3	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	19	26	---	---
Copper	ppm	4	2	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	3	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	3	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	476	0	---	---
Magnesium	ppm	14	2	---	---
Zinc	ppm	214	33	---	---
Phosphorus	ppm	1350	1515	---	---
Barium	ppm	0	0	---	---
Boron	ppm	144	0	---	---

Depot: KEYJER

Unique No: 10616390

Signed: Don Baldrige

Report Date: 23 Aug 2023



### GRAPHS

