

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-121539 - Front Right Wheel Hub

Sample No: LH0213364

Oil Type: NOT GIVEN



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



SAMPLE INFORMATION

Sample Number	LH0213364	LH0213336	---	---
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	144	80.1	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	6	5	---	---
Sodium	ppm	7	16	---	---
Potassium	ppm	<1	0	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	31	21	---	---
Copper	ppm	20	31	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	5	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3322	2272	---	---
Magnesium	ppm	4	8	---	---
Zinc	ppm	1234	901	---	---
Phosphorus	ppm	1288	1404	---	---
Barium	ppm	0	0	---	---
Boron	ppm	31	56	---	---

Depot: KEYJER
Unique No: 10616393
Signed: Don Baldrige
Report Date: 23 Aug 2023



GRAPHS

