

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-121539 - Transmission (Manual)

Sample No: LH0213362

Oil Type: NOT GIVEN



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



SAMPLE INFORMATION

Sample Number	LH0213362	LH0213334	---	---
Sample Date	21 Aug 2023	16 Oct 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	70.8	69.5	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	6	4	---	---
Sodium	ppm	17	33	---	---
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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	23	17	---	---
Copper	ppm	81	132	---	---
Lead	ppm	0	3	---	---
Tin	ppm	2	1	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	53	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	20	18	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	1873	2364	---	---
Magnesium	ppm	253	8	---	---
Zinc	ppm	982	832	---	---
Phosphorus	ppm	1204	1384	---	---
Barium	ppm	0	0	---	---
Boron	ppm	277	0	---	---

Depot: KEYJER
Unique No: 10616508
Signed: Don Baldrige
Report Date: 23 Aug 2023



GRAPHS

