

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 117095-1216 - Swing Drive

Sample No: LH06104631

Oil Type: GEAR OIL SAE 80W90



RECO EQUIPMENT INC.
1615 JP HENESSY DRIVE
LAVERGNE, TN
US 37086
Contact: KEN FISCHER

T: (615)610-7326
F:



SAMPLE INFORMATION

Sample Number	LH06104631	LH06072397	---	---
Sample Date	14 Feb 2024	18 Dec 2023	---	---
Machine Hours	8681	8371	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	151	150	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	1	1	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

Iron	ppm	412	304	---	---
Copper	ppm	121	80	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	4	3	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	3	2	---	---
Molybdenum	ppm	1	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	34	17	---	---
Magnesium	ppm	8	8	---	---
Zinc	ppm	23	10	---	---
Phosphorus	ppm	974	984	---	---
Barium	ppm	0	0	---	---
Boron	ppm	33	31	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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.

Depot: RECLAV
Unique No: 10902861
Signed: Wes Davis
Report Date: 01 Mar 2024



GRAPHS

