

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-117759 - Swing Drive

Sample No: LH0210947

Oil Type: {unknown}



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

T: (615)610-7326
F:



SAMPLE INFORMATION

Sample Number	LH0210947	---	---	---
Sample Date	02 Feb 2024	---	---	---
Machine Hours	7907	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 306	---	---	---
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CONTAMINATION

Water	%	● 4.75	---	---	---
Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 167	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

Iron	ppm	● 2329	---	---	---
Copper	ppm	● 258	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 6	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 21	---	---	---
Molybdenum	ppm	● 23	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	16	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	48	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	20	---	---	---
Phosphorus	ppm	2028	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	16	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: RECLAV
Unique No: 10872511
Signed: Don Baldrige
Report Date: 12 Feb 2024



GRAPHS

