

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 117095-1216 - Rear Differential

Sample No: LH06072398

Oil Type: {unknown}



RECO EQUIPMENT INC.
 1615 JP HENESSY DRIVE
 LAVERGNE, TN
 US 37086
 Contact: DAVID CHALFANT
 dchalfant@recoequip.com
 T: (615)610-7326
 F: x:



SAMPLE INFORMATION

Sample Number	LH06072398	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	8371	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 116	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 36	---	---	---
Copper	ppm	● 28	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	33	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	18	---	---	---
Phosphorus	ppm	501	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	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.

Depot: RECLAV
Unique No: 10849075
Signed: Wes Davis
Report Date: 29 Jan 2024



GRAPHS

