

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 52139-1414 - Transmission (Manual)

Sample No: LH06114700

Oil Type: LIEBHERR GEAR MF 80W



SAMPLE INFORMATION

Sample Number	LH06114700	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	3560	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR EQUIPMENT SOURCE

8200 FAYETTEVILLE ROAD
 RALEIGH, NC
 US 27603
 Contact: Timothy Bailey
 timothy.bailey@liebherr.com
 T:
 F: (919)329-0084



OIL CONDITION

Visc @ 40°C	cSt	● 47.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 6	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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	● 10	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 3020	---	---	---
Magnesium	ppm	● 4	---	---	---
Zinc	ppm	● 1325	---	---	---
Phosphorus	ppm	● 1075	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 43	---	---	---

Depot: LIEBHERRNC
 Unique No: 10923533
 Signed: Jonathan Hester
 Report Date: 13 Mar 2024



GRAPHS

