

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L546 L546 (S/N 064310-1755) - Gearbox

Sample No: LH0264578

Oil Type: LIEBHERR HYDRAULIC-GEAR ATF



LIEBHERR EQUIPMENT SOURCE
 8200 FAYETTEVILLE ROAD
 RALEIGH, NC
 US 27603
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Sample Information

Sample Number	LH0264578	---	---	---
Sample Date	01 Apr 2024	---	---	---
Machine Hours	825	---	---	---
Oil Hours	825	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	30.2	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	5	---	---	---



Wear Metals

Iron	ppm	107	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	7	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	243	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	37	---	---	---
Phosphorus	ppm	178	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	68	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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: LIEBHERRNC
 Unique No: 10957210
 Signed: Sean Felton
 Report Date: 05 Apr 2024

Submitted By: TAYLOR BLALOCK

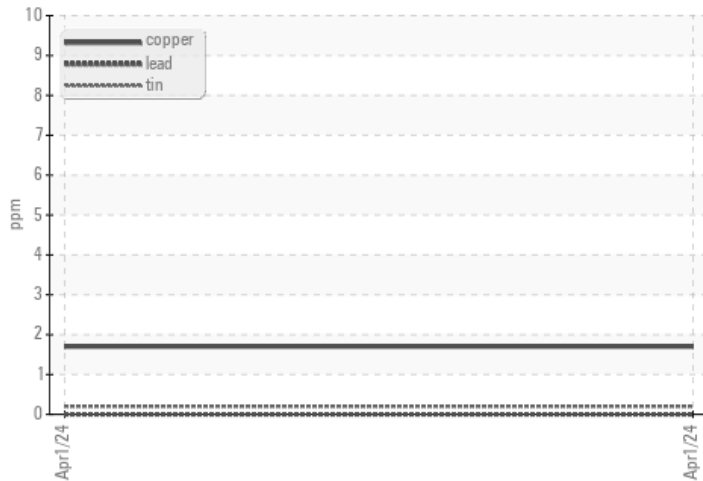


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

