

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L526 068228-1753 - Front Axle

Sample No: LH0268757

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0268757	---	---	---
Sample Date	14 Mar 2024	---	---	---
Machine Hours	705	---	---	---
Oil Hours	705	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

LIEBHERR EQUIPMENT SOURCE

8200 FAYETTEVILLE ROAD
 RALEIGH, NC
 US 27603
 Contact: TAYLOR BLALOCK
 taylor.blalock@liebherr.com
 T: (757)718-0491
 F: (919)329-0084



OIL CONDITION

Visc @ 40°C	cSt	● 189	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 8	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 99	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 4	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 12	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

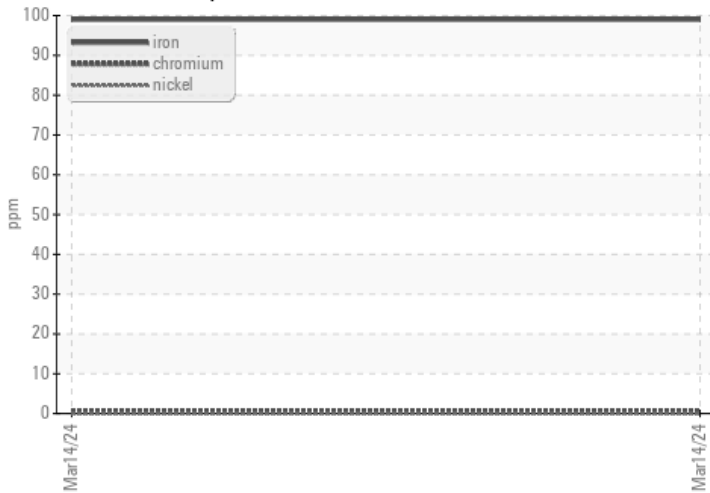
Calcium	ppm	● 26	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	● 35	---	---	---
Phosphorus	ppm	● 1981	---	---	---
Barium	ppm	● 8	---	---	---
Boron	ppm	● 5	---	---	---

Depot: LIEBHERRNC
 Unique No: 10928640
 Signed: Sean Felton
 Report Date: 19 Mar 2024

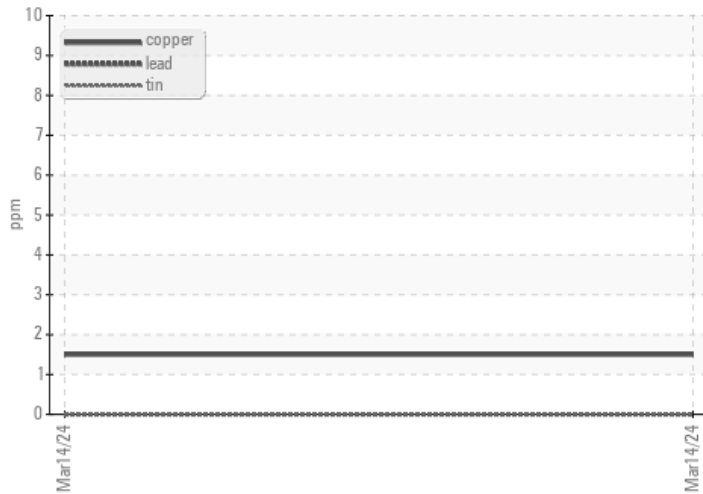


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

