

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1484-59325 - Rear Differential

Sample No: LH0293978

Oil Type: {unknown}



Sample Information

Sample Number	LH0293978	---	---	---
Sample Date	27 Jun 2024	---	---	---
Machine Hours	5296	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

MR BULTS INC
 2627 E 139TH ST
 BURNHAM, IL
 US 60633
 Contact: SERVICE MANAGER



Oil Condition

Visc @ 40°C	cSt	● 51.8	---	---	---
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T: (708)868-0059
 F:



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 26	---	---	---
Sodium	ppm	● 15	---	---	---
Potassium	ppm	● 2	---	---	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



Wear Metals

Iron	ppm	● 1528	---	---	---
Copper	ppm	● 184	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 7	---	---	---
Aluminum	ppm	● 5	---	---	---
Chromium	ppm	● 6	---	---	---
Molybdenum	ppm	27	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	58	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	3010	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	1267	---	---	---
Phosphorus	ppm	1075	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	106	---	---	---

Depot: MRBBURLH
Unique No: 11125959
Signed: Don Baldrige
Report Date: 17 Jul 2024

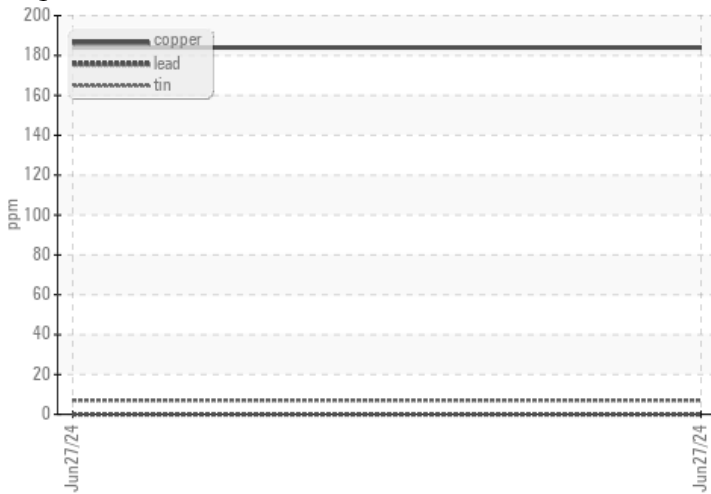


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

