

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1484-59325 - Front Differential

Sample No: LH0293977

Oil Type: {unknown}



Sample Information

Sample Number	LH0293977	---	---	---
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	● 52.0	---	---	---
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T: (708)868-0059
 F:



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 27	---	---	---
Sodium	ppm	● 17	---	---	---
Potassium	ppm	● 1	---	---	---

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	● 2391	---	---	---
Copper	ppm	● 133	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 8	---	---	---
Aluminum	ppm	● 10	---	---	---
Chromium	ppm	● 10	---	---	---
Molybdenum	ppm	● 94	---	---	---
Nickel	ppm	● 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	62	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

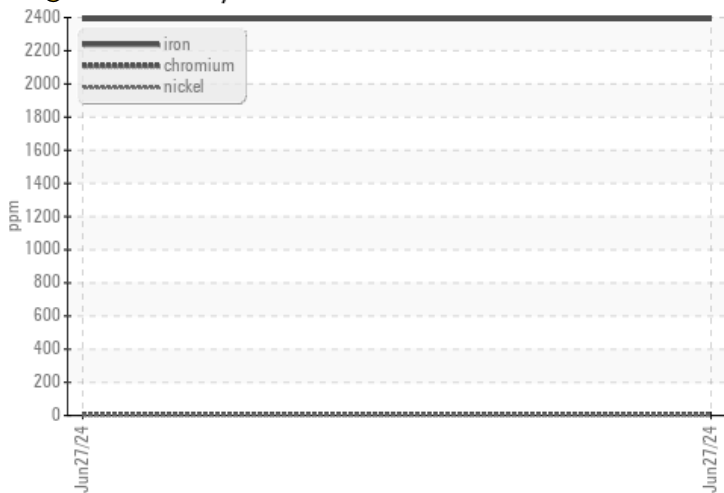
Calcium	ppm	3175	---	---	---
Magnesium	ppm	16	---	---	---
Zinc	ppm	1312	---	---	---
Phosphorus	ppm	1217	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	85	---	---	---

Depot: MRBBURLH
Unique No: 11126018
Signed: Don Baldrige
Report Date: 17 Jul 2024

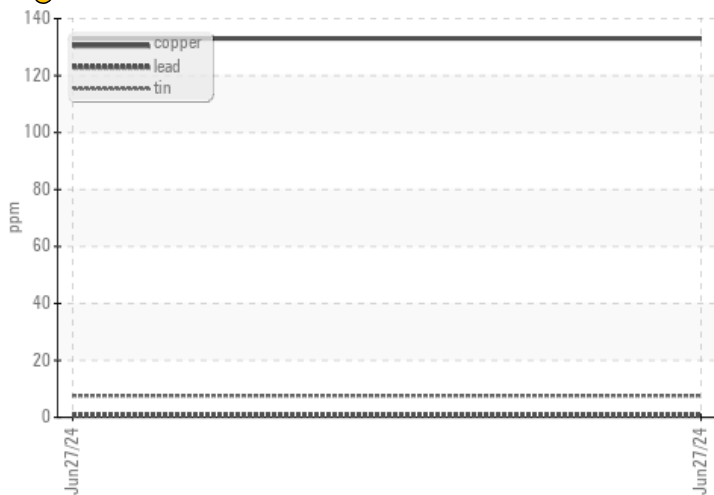


Graphs

● Ferrous Alloys



● Non-ferrous Metals



Viscosity @ 40°C

