

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1484-59325 - Splitter Box

Sample No: LH0293981

Oil Type: {unknown}



Sample Information

Sample Number	LH0293981	---	---	---
Sample Date	27 Jun 2024	---	---	---
Machine Hours	5296	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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



Oil Condition

Visc @ 40°C	cSt	● 132	---	---	---
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T: (708)868-0059
 F:



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 42	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 3	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. High concentration of visible metal present. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



Wear Metals

Iron	ppm	● 278	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 26	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 3	---	---	---
Nickel	ppm	● 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	● 0	---	---	---



Additives

Calcium	ppm	● 278	---	---	---
Magnesium	ppm	● 59	---	---	---
Zinc	ppm	● 248	---	---	---
Phosphorus	ppm	● 562	---	---	---
Barium	ppm	● 7	---	---	---
Boron	ppm	● 20	---	---	---

Depot: MRBBURLH
Unique No: 11125958
Signed: Don Baldrige
Report Date: 17 Jul 2024

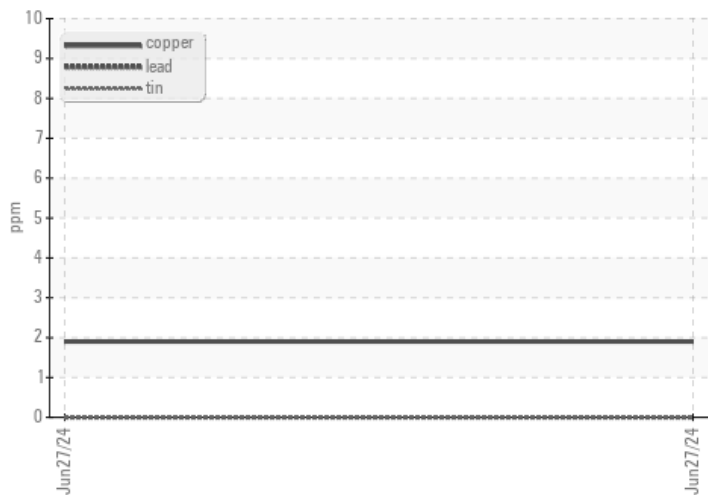


Graphs

● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

