

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1484-59325 - Diesel Engine

Sample No: LH0293980

Oil Type: {unknown}



Sample Information

Sample Number	LH0293980	---	---	---
Sample Date	27 Jun 2024	---	---	---
Machine Hours	5296	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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



Oil Condition

Visc @ 100°C	cSt	14.0	---	---	---
Base Number (BN)	mg KOH/g	9.8	---	---	---
Oxidation (PA)	%	45	---	---	---

T: (708)868-0059
 F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



Contamination

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	54	---	---	---
Sulfation (PA)	%	46	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	2	---	---	---



Wear Metals

Iron	ppm	7	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	8	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

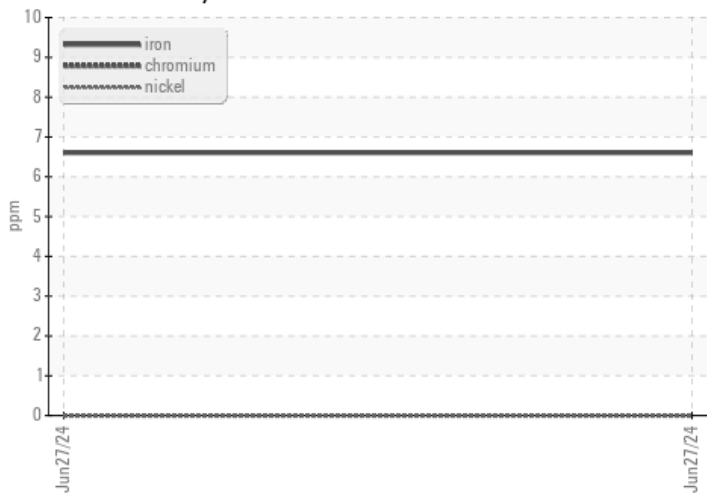
Calcium	ppm	1929	---	---	---
Magnesium	ppm	526	---	---	---
Zinc	ppm	933	---	---	---
Phosphorus	ppm	841	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	114	---	---	---

Depot: MRBBURLH
Unique No: 11126139
Signed: Wes Davis
Report Date: 17 Jul 2024

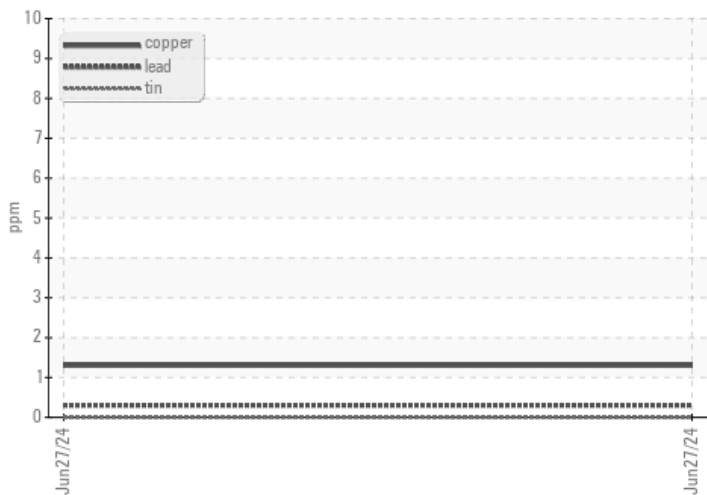


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

