

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 066006-1760 - Front Right Wheel Hub

Sample No: LH0262529

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0262529	---	---	---
Sample Date	06 Sep 2023	---	---	---
Machine Hours	2465	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	● 185	---	---	---
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T: (708)868-0059
 F:



CONTAMINATION

Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. 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	● 48	---	---	---
Copper	ppm	● 65	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	4	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 1	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	● 2262	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 25	---	---	---

Depot: MRBBURLH
Unique No: 10701173
Signed: Don Baldrige
Report Date: 21 Oct 2023



GRAPHS

