

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1484-60217 - Rear Differential

Sample No: LH0263745

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0263745	LH0263723	---	---
Sample Date	11 Jan 2024	18 Apr 2023	---	---
Machine Hours	5070	3000	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	193	181	---	---
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T: (708)868-0059
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	5	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	1	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	52	77	---	---
Copper	ppm	12	63	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	7	3	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4	13	---	---
Magnesium	ppm	<1	1	---	---
Zinc	ppm	7	37	---	---
Phosphorus	ppm	3645	2609	---	---
Barium	ppm	3	0	---	---
Boron	ppm	0	0	---	---

Depot: MRBBURLH
Unique No: 10831030
Signed: Jonathan Hester
Report Date: 16 Jan 2024



GRAPHS

