



# LIEBHERR

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**LIEBHERR L566 1484-60217**  
Component  
**Rear Right Wheel Hub**  
Fluid  
**{not provided} (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### WEAR

All component wear rates are normal.

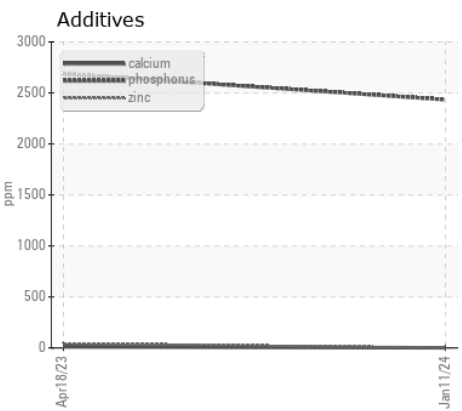
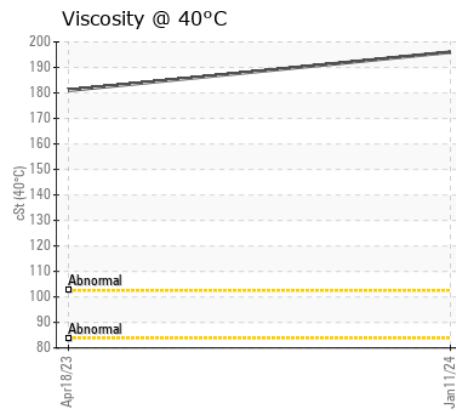
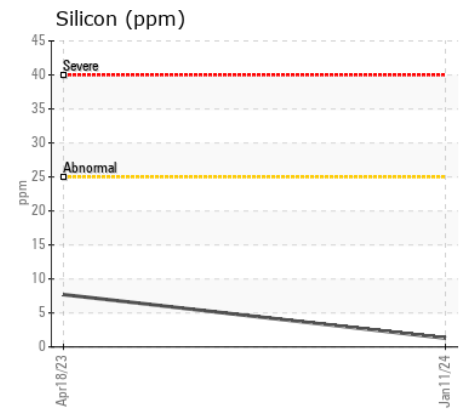
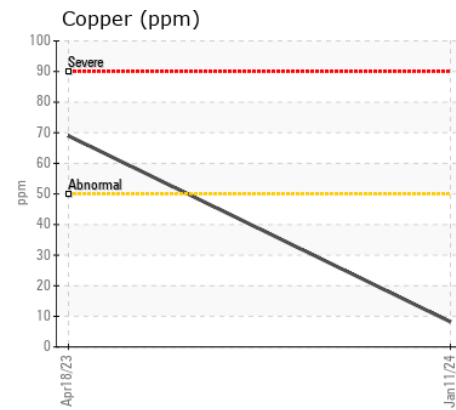
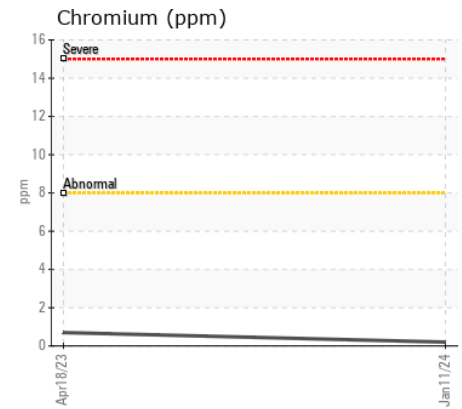
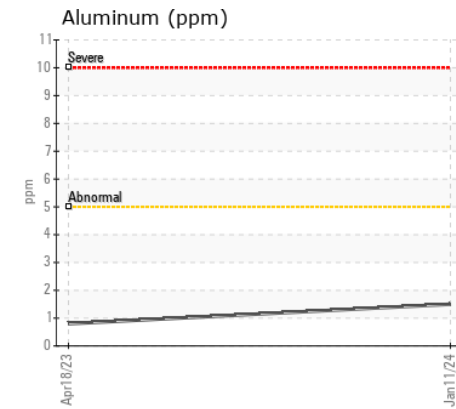
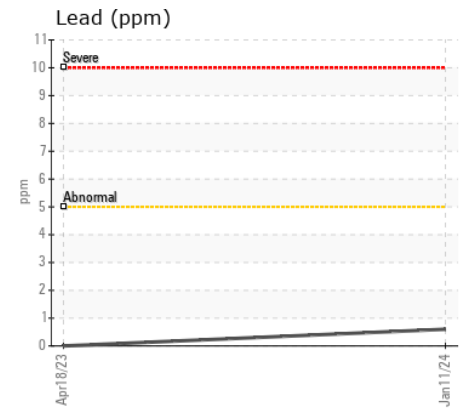
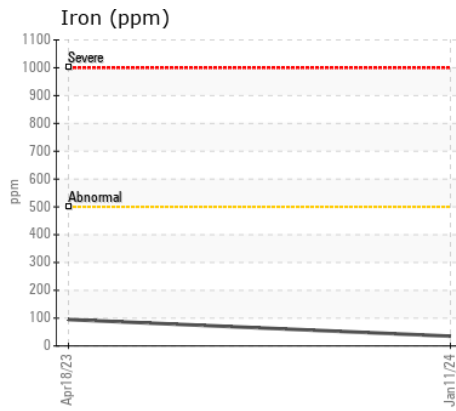
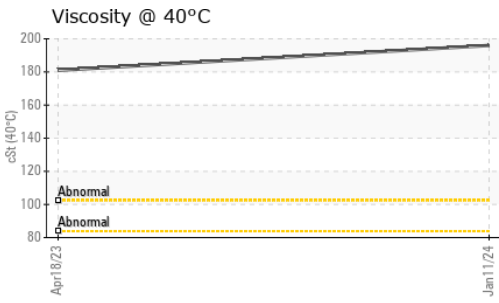
### CONTAMINATION

There is no indication of any contamination in the oil.

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LH0263753</b>	LH0263731	---
Sample Date		Client Info		<b>11 Jan 2024</b>	18 Apr 2023	---
Machine Age	hrs	Client Info		<b>5070</b>	3000	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	N/A	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---
Iron	ppm	ASTM D5185m	>500	<b>35</b>	95	---
Chromium	ppm	ASTM D5185m	>8	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>5	<b>2</b>	<1	---
Lead	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>8</b>	▲ 69	---
Tin	ppm	ASTM D5185m		<b>&lt;1</b>	1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>MODER</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>25	<b>1</b>	8	---
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	<1	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	MODER	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185m		<b>0</b>	2	---
Boron	ppm	ASTM D5185m		<b>0</b>	0	---
Barium	ppm	ASTM D5185m		<b>2</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>5</b>	4	---
Manganese	ppm	ASTM D5185m		<b>1</b>	13	---
Magnesium	ppm	ASTM D5185m		<b>0</b>	2	---
Calcium	ppm	ASTM D5185m		<b>1</b>	14	---
Phosphorus	ppm	ASTM D5185m		<b>2434</b>	2687	---
Zinc	ppm	ASTM D5185m		<b>0</b>	44	---
Sulfur	ppm	ASTM D5185m		<b>30649</b>	45636	---
Visc @ 40°C	cSt	ASTM D445		<b>196</b>	181	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LH0263753 **Received** : 12 Jan 2024  
**Lab Number** : 06059653 **Diagnosed** : 14 Jan 2024  
**Unique Number** : 10831035 **Diagnostician** : Wes Davis  
**Test Package** : MOBCE

**MR BULTS INC**

2627 E 139TH ST  
 BURNHAM, IL  
 US 60633

Contact: SERVICE MANAGER

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T: (708)868-0059

F: