

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 1464-54668 - Rear Differential

Sample No: LH0258909

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### Sample Information

Sample Number	LH0258909	LH0212091	---	---
Sample Date	27 Apr 2024	13 Dec 2021	---	---
Machine Hours	5964	965	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### OZINGA BROS INC

19001 OLD LAGRANDE RD, SUITE 300  
MOKENA, IL  
US 60448  
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T: (847)344-1443  
F:



#### Oil Condition

Visc @ 40°C	cSt	141	193	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	14	---	---
Sodium	ppm	0	6	---	---
Potassium	ppm	<1	<1	---	---



#### Wear Metals

Iron	ppm	49	146	---	---
Copper	ppm	7	75	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	1	5	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	32	---	---
Vanadium	ppm	0	<1	---	---



#### Additives

Calcium	ppm	0	11	---	---
Magnesium	ppm	1	1	---	---
Zinc	ppm	7	28	---	---
Phosphorus	ppm	679	2607	---	---
Barium	ppm	0	0	---	---
Boron	ppm	20	37	---	---

#### Diagnosis

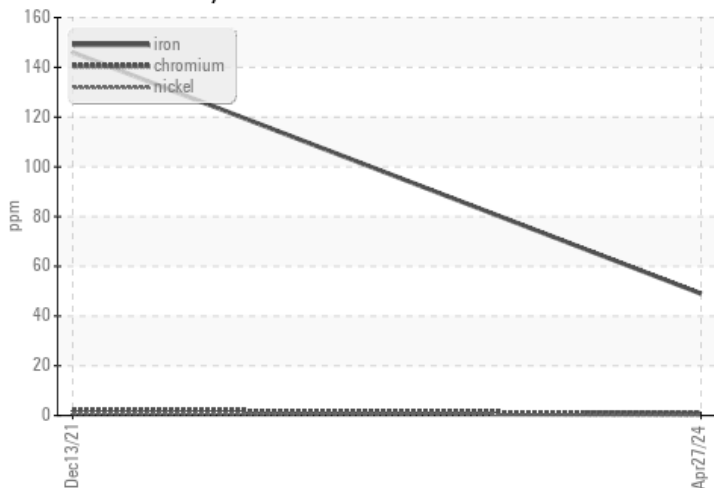
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: OZIMOKLH  
Unique No: 11060538  
Signed: Wes Davis  
Report Date: 04 Jun 2024

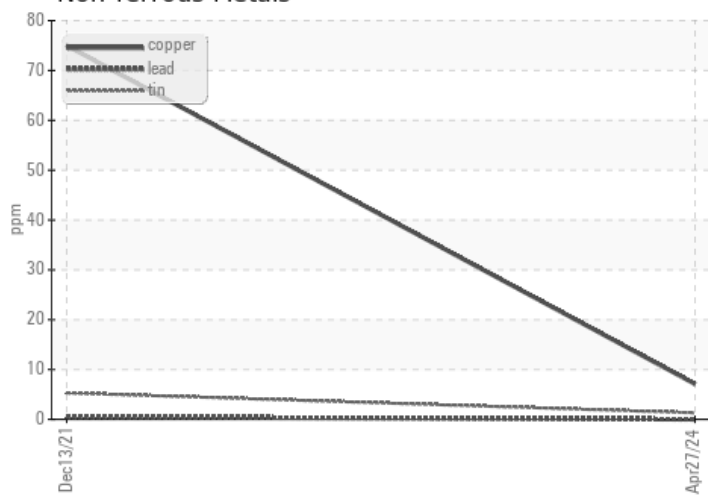


### Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

