

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L566 014293-460 - Rear Differential

Sample No: LH0264550

Oil Type: GEAR OIL SAE 80W90



#### Sample Information

Sample Number	LH0264550	LHMC012365	---	---
Sample Date	24 May 2024	23 Mar 2007	---	---
Machine Hours	33900	1022	---	---
Oil Hours	0	1022	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### DOMTAR PULP AND PAPER

301 POINT BASSE AVE  
NEKOOSA, WI  
US 54457

Contact: MARK SNYDER  
mark.snyder@domtar.com  
T: (715)675-6900  
F: (715)675-9748



#### Oil Condition

Visc @ 40°C	cSt	● 177	● 187.9	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 4	● 9	---	---
Sodium	ppm	● 1	● 3	---	---
Potassium	ppm	● <1	● 0	---	---



#### Wear Metals

Iron	ppm	● 260	● 123	---	---
Copper	ppm	● 1	● 5	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 0	● <1	---	---
Chromium	ppm	● 1	● 2	---	---
Molybdenum	ppm	● 9	18	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	● 0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 2	4	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	● 33	5	---	---
Magnesium	ppm	● 6	0	---	---
Zinc	ppm	● 11	4	---	---
Phosphorus	ppm	● 2159	1959	---	---
Barium	ppm	● 0	3	---	---
Boron	ppm	● 43	5	---	---

#### Diagnosis

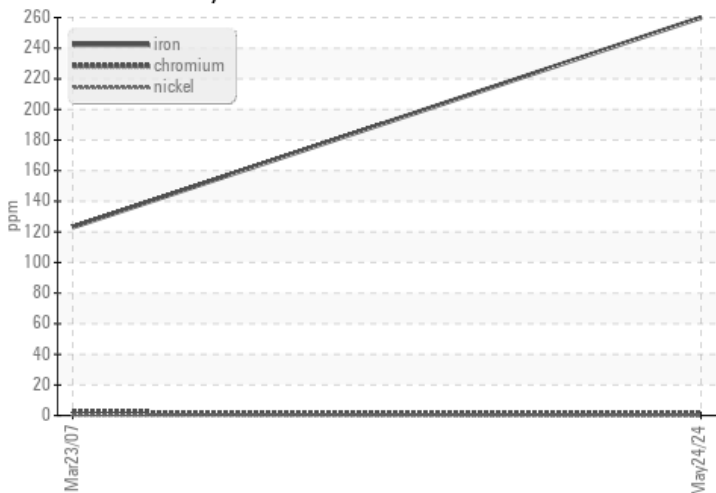
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: DOMWAU  
Unique No: 11059208  
Signed: Wes Davis  
Report Date: 03 Jun 2024

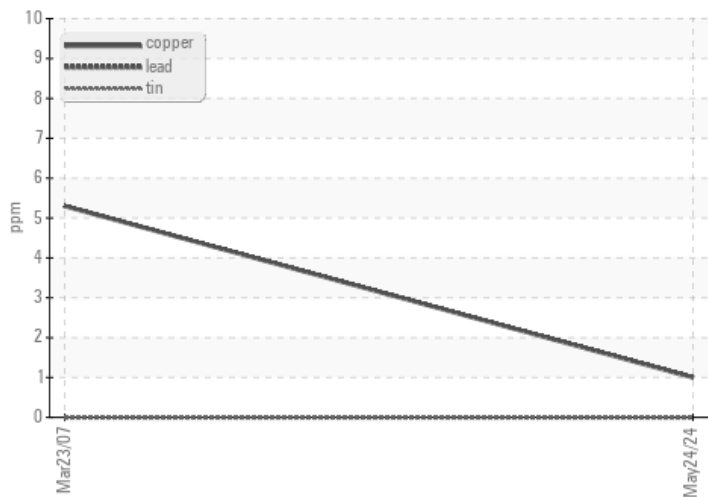


### Graphs

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

