

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 052542-1464 - Rear Left Wheel Hub

Sample No: LH0267301

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0267301	LH0229826	---	---
Sample Date	11 Sep 2023	22 Dec 2022	---	---
Machine Hours	4406	3159	---	---
Oil Hours	1247	1268	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

RECYCLE MANAGEMENT LLC

1610 S MAIN STREET

HARRISONBURG, VA

US 22801

Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	178	113	---	---
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T:

F:



#### CONTAMINATION

Silicon	ppm	3	11	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	<1	0	---	---

#### 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.



#### WEAR METALS

Iron	ppm	36	9	---	---
Copper	ppm	33	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	1	<1	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	16	3459	---	---
Magnesium	ppm	3	15	---	---
Zinc	ppm	73	1397	---	---
Phosphorus	ppm	2241	1138	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	73	---	---

Depot: RECHARVA

Unique No: 10736238

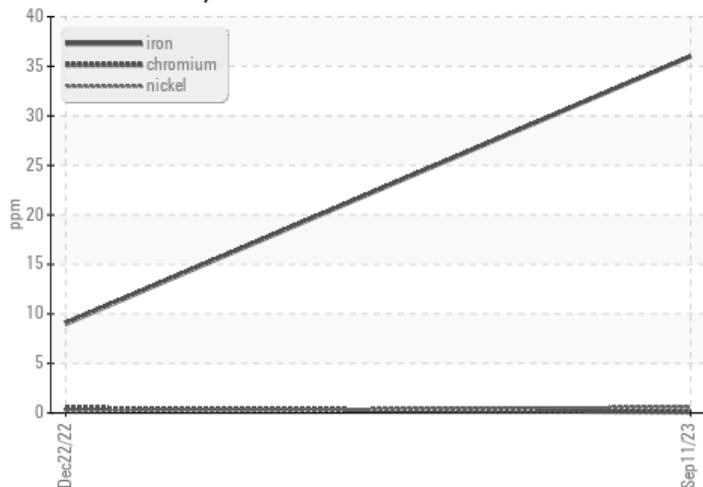
Signed: Sean Felton

Report Date: 10 Nov 2023

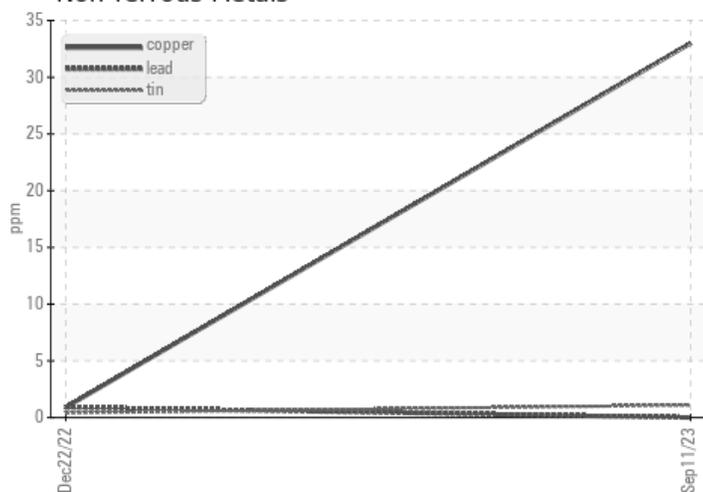


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

