

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R922 056517-1486 - Left Final Drive

Sample No: LH0229624

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0229624	---	---	---
Sample Date	30 Mar 2024	---	---	---
Machine Hours	2025	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

M&F CONCRETE PRODUCTS CO
4002 CATLETT RD
CATLETT, VA
US 20119
Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	● 206	---	---	---
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T:
F:



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 3	---	---	---

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	● 58	---	---	---
Copper	ppm	● 0	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

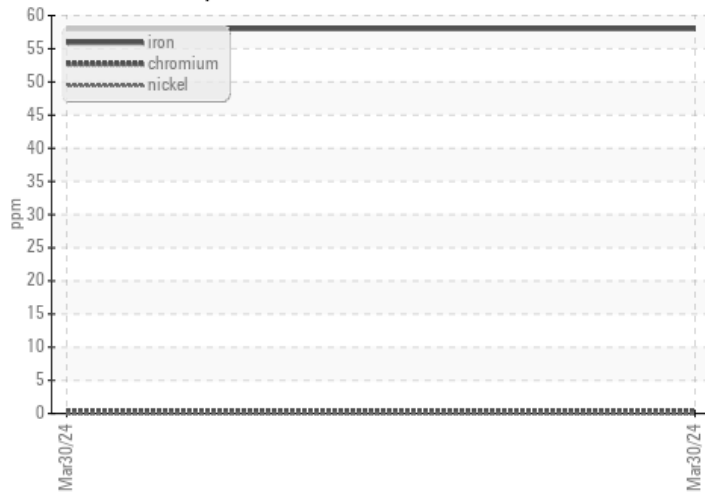
Calcium	ppm	● 0	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 4	---	---	---
Phosphorus	ppm	1339	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 0	---	---	---

Depot: MECCAT
Unique No: 11002927
Signed: Wes Davis
Report Date: 29 Apr 2024



Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

