

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R926LC 045709-1488 - Right Final Drive

Sample No: LH0258988

Oil Type: LIEBHERR GEAR BASIC 90 LS



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



SAMPLE INFORMATION

Sample Number	LH0258988	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	4010	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 199	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 88	---	---	---
Sodium	ppm	● 8	---	---	---
Potassium	ppm	● 24	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 282	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 31	---	---	---
Chromium	ppm	● 6	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	● 22	---	---	---
Magnesium	ppm	● 15	---	---	---
Zinc	ppm	● 35	---	---	---
Phosphorus	ppm	● 2263	---	---	---
Barium	ppm	● 7	---	---	---
Boron	ppm	● 6	---	---	---

Depot: MECCAT
Unique No: 10778741
Signed: Don Baldrige
Report Date: 11 Dec 2023

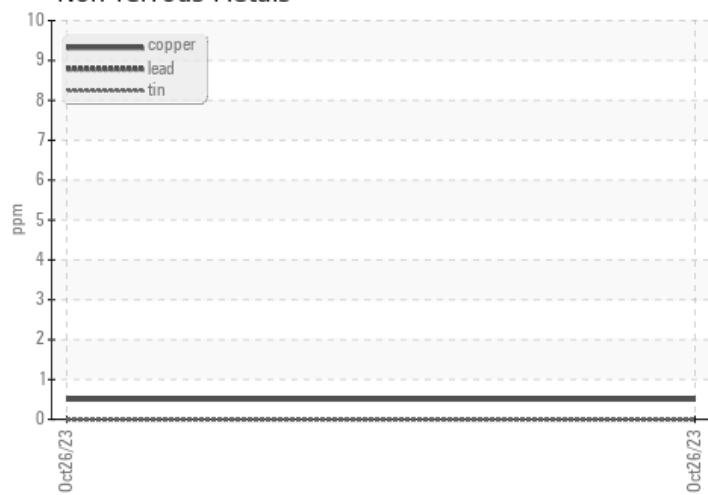


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

