

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R926LC 045709-1488 - Diesel Engine

Sample No: LH0258991

Oil Type: LIEBHERR MOTOROIL 5W30



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



SAMPLE INFORMATION

Sample Number	LH0258991	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	4010	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	13.5	---	---	---
Base Number (BN)	mg KOH/g	6.4	---	---	---
Oxidation (PA)	%	90	---	---	---

T:
F:

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	82	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	20	---	---	---



WEAR METALS

Iron	ppm	10	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	8	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

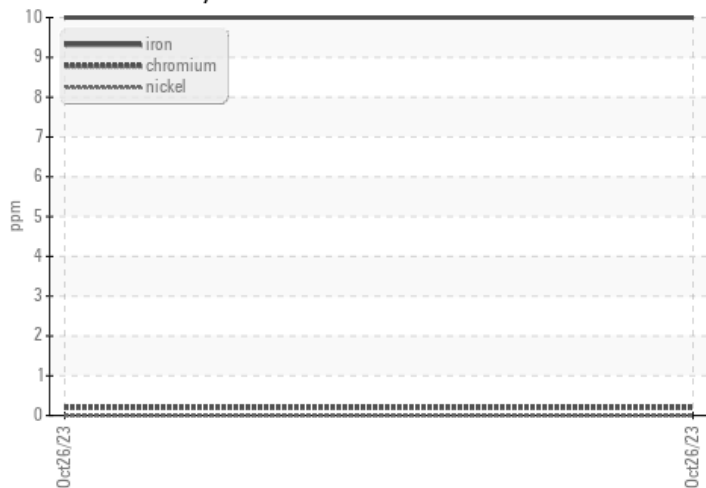
Calcium	ppm	1671	---	---	---
Magnesium	ppm	1030	---	---	---
Zinc	ppm	1178	---	---	---
Phosphorus	ppm	1043	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	103	---	---	---

Depot: MECCAT
Unique No: 10778262
Signed: Don Baldrige
Report Date: 10 Dec 2023

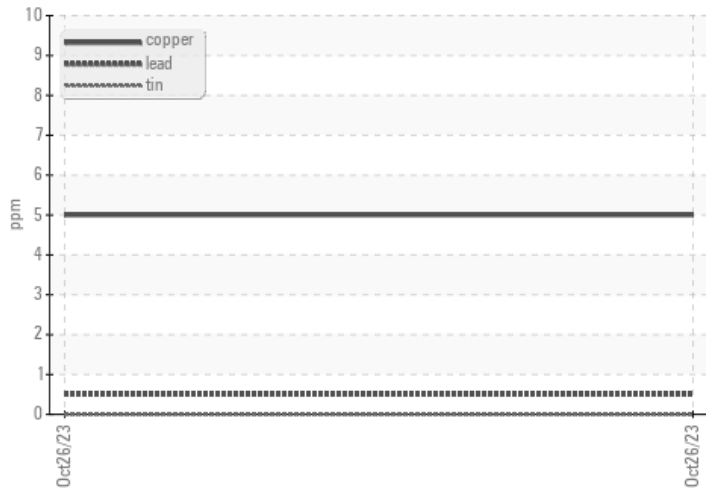


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

