

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 1217-146314 - Front Differential

Sample No: LH0286176

Oil Type: LIEBHERR GEAR BASIC 90 LS



C AND B EQUIPMENT, LLC
 4831 US-42
 GHENT, KY
 US 41045
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0286176	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	2000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 142	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 1	---	---	---

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	● 15	---	---	---
Copper	ppm	● 70	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 15	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 45	---	---	---
Phosphorus	ppm	● 1575	---	---	---
Barium	ppm	● 22	---	---	---
Boron	ppm	140	---	---	---

Depot: CANGHE
 Unique No: 10935935
 Signed: Wes Davis
 Report Date: 19 Mar 2024



GRAPHS

