

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 1216-119204 - Splitter Box

Sample No: LHMC133218

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LHMC133218	---	---	---
Sample Date	24 Feb 2024	---	---	---
Machine Hours	8819	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTER TRADING

2424 CLARKE STREET

PEORIA, IL

US 61602

Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 147	---	---	---
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T:

F:



CONTAMINATION

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

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	● 133	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 84	---	---	---
Magnesium	ppm	● 7	---	---	---
Zinc	ppm	● 185	---	---	---
Phosphorus	ppm	● 1965	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 110	---	---	---

Depot: ALTPEO

Unique No: 10910284

Signed: Sean Felton

Report Date: 05 Mar 2024



GRAPHS

