

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 120737-1216 - Rear Differential

Sample No: LH0173864

Oil Type: TEXACO HAVOLINE GEAR OIL 80W90



**STAIMAN RECYCLING**  
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#### SAMPLE INFORMATION

Sample Number	LH0173864	---	---	---
Sample Date	14 Dec 2020	---	---	---
Machine Hours	1058	---	---	---
Oil Hours	1058	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 143	---	---	---
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#### CONTAMINATION

Silicon	ppm	● 13	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● <1	---	---	---



#### WEAR METALS

Iron	ppm	● 33	---	---	---
Copper	ppm	● 52	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 3	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 223	---	---	---
Magnesium	ppm	● 4	---	---	---
Zinc	ppm	● 57	---	---	---
Phosphorus	ppm	● 2099	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 7	---	---	---

#### 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.

**Depot:** STAWILLH  
**Unique No:** 9306031  
**Signed:** Jonathan Hester  
**Report Date:** 30 Dec 2020



### GRAPHS

