

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 1253-144576 - Front Differential

Sample No: LH0276411

Oil Type: {unknown}



**TRAM CONSTRUCTION**  
 9279 E KY 8  
 GARRISON, KY  
 US 41141  
 Contact: Service Manager

T:  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0276411	---	---	---
Sample Date	21 Mar 2024	---	---	---
Machine Hours	1155	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 64.5	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 13	---	---	---
Sodium	ppm	● 17	---	---	---
Potassium	ppm	● 3	---	---	---



#### WEAR METALS

Iron	ppm	● 14	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	3642	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	1453	---	---	---
Phosphorus	ppm	1226	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	129	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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:** TRAGARLH  
**Unique No:** 10953721  
**Signed:** Sean Felton  
**Report Date:** 03 Apr 2024



### GRAPHS

