

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 1253-146764 - Transmission (Manual)

Sample No: LH0276513

Oil Type: TDTO FLUID SAE 10W



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



#### SAMPLE INFORMATION

Sample Number	LH0276513	---	---	---
Sample Date	08 Feb 2024	---	---	---
Machine Hours	1019	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 47.6	---	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 40	---	---	---
Potassium	ppm	● 5	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	● 16	---	---	---
Copper	ppm	● 33	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 2	---	---	---
Aluminum	ppm	● 4	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	28	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	● 3124	---	---	---
Magnesium	ppm	● 10	---	---	---
Zinc	ppm	● 1139	---	---	---
Phosphorus	ppm	● 1049	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 3	---	---	---

**Depot:** TRAGARLH  
**Unique No:** 10882638  
**Signed:** Jonathan Hester  
**Report Date:** 16 Feb 2024



### GRAPHS

