

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-144576 - Swing Drive

Sample No: LH0276416

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0276416	---	---	---
Sample Date	21 Mar 2024	---	---	---
Machine Hours	1155	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

TRAM CONSTRUCTION

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



OIL CONDITION

Visc @ 40°C	cSt	● 177	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 9	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 3	---	---	---

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	● 250	---	---	---
Copper	ppm	● 104	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 7	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 22	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 33	---	---	---
Phosphorus	ppm	● 2200	---	---	---
Barium	ppm	● 5	---	---	---
Boron	ppm	● 8	---	---	---

Depot: TRAGARLH
Unique No: 10953729
Signed: Sean Felton
Report Date: 03 Apr 2024



GRAPHS

