

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR RAD T100 0000011-159 - Final Drive

Sample No: LHMC105910

Oil Type: GEAR OIL ISO 320



#### SAMPLE INFORMATION

Sample Number	LHMC105910	---	---	---
Sample Date	13 Sep 2023	---	---	---
Machine Hours	7599	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**LIEBHERR MINING EQUIPMENT CO**  
 5800 S DOUGLAS HWY  
 GILLETTE, WY  
 US 82718  
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 F:



#### OIL CONDITION

Visc @ 40°C	cSt	● 302	---	---	---
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#### CONTAMINATION

Silicon	ppm	● 8	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 1	---	---	---

#### 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	● 81	---	---	---
Copper	ppm	● 10	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 67	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 27	---	---	---
Phosphorus	ppm	● 291	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 5	---	---	---

Depot: LIEGIL  
 Unique No: 10729530  
 Signed: Sean Felton  
 Report Date: 09 Nov 2023



### GRAPHS

