

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R934 025778-918 - Right Final Drive

Sample No: LH0204145

Oil Type: GEAR OIL LS 80W90



**AMERICAN STATE EQUIPMENT CO.**  
 2400 NORTH 14TH AVENUE  
 WAUSAU, WI  
 US 54401  
 Contact: CHRIS BARTNIK  
 cbartnik@amstate.com  
 T: (715)675-6900  
 F: (715)675-9748



#### Sample Information

Sample Number	LH0204145	LH0190481	---	---
Sample Date	12 Apr 2024	09 Apr 2021	---	---
Machine Hours	4594	3853	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	127	140	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	39	264	---	---
Sodium	ppm	2	9	---	---
Potassium	ppm	4	10	---	---



#### Wear Metals

Iron	ppm	153	664	---	---
Copper	ppm	59	211	---	---
Lead	ppm	2	6	---	---
Tin	ppm	3	0	---	---
Aluminum	ppm	5	31	---	---
Chromium	ppm	4	19	---	---
Molybdenum	ppm	2	0	---	---
Nickel	ppm	<1	4	---	---
Titanium	ppm	<1	2	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	11	---	---
Vanadium	ppm	<1	0	---	---



#### Additives

Calcium	ppm	61	17	---	---
Magnesium	ppm	20	3	---	---
Zinc	ppm	30	128	---	---
Phosphorus	ppm	899	898	---	---
Barium	ppm	0	2	---	---
Boron	ppm	55	36	---	---

#### 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: LEC0008  
 Unique No: 10989269  
 Signed: Wes Davis  
 Report Date: 23 Apr 2024



### Graphs

