

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60 1217-135285 - Rear Differential

Sample No: LH0223476

Oil Type: DURALENE Posi-Traction 80W90



#### SAMPLE INFORMATION

Sample Number	LH0223476	LH0223465	LH0223454	---
Sample Date	20 Oct 2023	23 Apr 2023	07 Jul 2022	---
Machine Hours	3182	2000	1000	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### CONSERVIT INC.

PO BOX 1517  
HAGERSTOWN, MD  
US 21740  
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#### OIL CONDITION

Visc @ 40°C	cSt	129	126	127	---
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#### CONTAMINATION

Silicon	ppm	3	2	2	---
Sodium	ppm	2	2	0	---
Potassium	ppm	0	0	<1	---



#### WEAR METALS

Iron	ppm	16	16	14	---
Copper	ppm	29	23	9	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	<1	2	2	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	179	180	199	---
Magnesium	ppm	25	28	26	---
Zinc	ppm	121	110	113	---
Phosphorus	ppm	1380	1318	1240	---
Barium	ppm	41	37	31	---
Boron	ppm	125	130	137	---

#### 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: CONHAG  
Unique No: 10740338  
Signed: Don Baldrige  
Report Date: 15 Nov 2023



### GRAPHS

