

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60 1217-135285 - Front Left Wheel Hub

Sample No: LH0223481

Oil Type: DURALENE POSITRAC 80W90



#### SAMPLE INFORMATION

Sample Number	LH0223481	LH0223470	LH0223459	---
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	139	139	139	---
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	69	63	30	---
Copper	ppm	25	18	11	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	1	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	1	1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	3	3	2	---
Vanadium	ppm	<1	0	0	---



#### ADDITIVES

Calcium	ppm	142	139	140	---
Magnesium	ppm	22	23	21	---
Zinc	ppm	93	92	91	---
Phosphorus	ppm	1359	1264	1249	---
Barium	ppm	125	120	114	---
Boron	ppm	103	91	103	---

#### 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: 10741673  
Signed: Don Baldrige  
Report Date: 16 Nov 2023



### GRAPHS

