

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60 1217-135285 - Front Differential

Sample No: LH0223475

Oil Type: DURALENE POSITRAC 80W90



#### SAMPLE INFORMATION

Sample Number	LH0223475	LH0223464	LH0223453	---
Sample Date	20 Oct 2023	23 Apr 2023	10 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	121	121	122	---
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	6	4	2	---
Copper	ppm	22	14	5	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	0	<1	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	2	2	2	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	<1	<1	0	---
Vanadium	ppm	<1	0	0	---



#### ADDITIVES

Calcium	ppm	215	196	188	---
Magnesium	ppm	33	30	28	---
Zinc	ppm	120	111	100	---
Phosphorus	ppm	1522	1329	1252	---
Barium	ppm	0	4	4	---
Boron	ppm	175	145	133	---

#### 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: 10741671  
Signed: Don Baldrige  
Report Date: 16 Nov 2023



### GRAPHS

