

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60 1217-146108 - Front Differential

Sample No: LH0269003

Oil Type: DURALENE Posi-Traction 80W90



CONSERVIT INC.
 PO BOX 1517
 HAGERSTOWN, MD
 US 21740
 Contact: DON LONG
 dlong@conservit.biz
 T: (301)791-0100
 F: (301)739-8548



SAMPLE INFORMATION

Sample Number	LH0269003	---	---	---
Sample Date	04 Dec 2023	---	---	---
Machine Hours	1154	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 128	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 1	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

Iron	ppm	● 0	---	---	---
Copper	ppm	● 12	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 128	---	---	---
Magnesium	ppm	● 18	---	---	---
Zinc	ppm	● 66	---	---	---
Phosphorus	ppm	● 1656	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 181	---	---	---

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: 10809083
 Signed: Don Baldrige
 Report Date: 03 Jan 2024



GRAPHS

