

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L526 071329 - Front Axle

Sample No: LH0270425

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0270425	LH0247457	---	---
Sample Date	17 Sep 2023	28 Jun 2023	---	---
Machine Hours	1122	574	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR  
 HAMILTON, ON  
 CA L8N 3J5  
 Contact: HAROLD LOUDEN  
 harold.louden@arcelormittal.com  
 T: (905)548-7200  
 F: (905)548-7465



#### OIL CONDITION

Visc @ 40°C	cSt	● 113	● 192	---	---
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#### CONTAMINATION

Silicon	ppm	● 6	● 12	---	---
Sodium	ppm	● 4	● 6	---	---
Potassium	ppm	● 1	● 2	---	---



#### WEAR METALS

Iron	ppm	● 60	● 101	---	---
Copper	ppm	● <1	● <1	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● 2	● 4	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	● 0	● 0	---	---
Silver	ppm	● 0	● 0	---	---
Manganese	ppm	● 8	● 15	---	---
Vanadium	ppm	● 0	● 0	---	---



#### ADDITIVES

Calcium	ppm	● 13	● 20	---	---
Magnesium	ppm	● 2	● 3	---	---
Zinc	ppm	● 20	● 40	---	---
Phosphorus	ppm	● 2449	● 2236	---	---
Barium	ppm	● 2	● 2	---	---
Boron	ppm	● 163	● 2	---	---

#### 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: DOFHAM  
 Unique No: 5644349  
 Signed: Wes Davis  
 Report Date: 18 Sep 2023



### GRAPHS

