

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [LOUVILLE [591655]] 70776-1826 - Rear Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	04 Jan 2024	---	---	---
Machine Hours	1714	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

#### LIEBHERR CANADA LTD.

1015 SUTTON DRIVE  
BURLINGTON, ON  
CA L7L 5Z8

Contact: Joseph Rodgers  
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T: (905)319-9222  
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#### OIL CONDITION

Visc @ 40°C	cSt	● 193	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● <1	---	---	---



#### WEAR METALS

Iron	ppm	● 68	---	---	---
Copper	ppm	● 54	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 2	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 6	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 2	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 19	---	---	---
Phosphorus	ppm	● 2275	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 0	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

Please specify the component make and model with your next sample. 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: LIEMIS  
Unique No: 5707920  
Signed: Wes Davis  
Report Date: 05 Jan 2024



### GRAPHS

