

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A944 011477-744 - Front Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



**LIEBHERR CANADA LTEE**  
 4250 AUTOROUTE CHOMEDEY 13  
 LAVAL, QC  
 CA H7R 6E9  
 Contact: Stephane Plourde  
 Stephane.Plourde@liebherr.com  
 T: (450)963-7174  
 F: (450)963-9176



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH	---	---	---
Date d'échant.	05 Aug 2021	---	---	---
Heures de la Machine	0	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Changed	---	---	---
Statut de l'échant.	NORMAL	---	---	---



#### ÉTAT D'HUILE

Visc 40°C	cSt	● 116	---	---	---
-----------	-----	-------	-----	-----	-----



#### CONTAMINATION

Silicium	ppm	● 8	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● <1	---	---	---



#### MÉTAUX D'USURE

Fer	ppm	● 61	---	---	---
Cuivre	ppm	● 21	---	---	---
Plomb	ppm	● <1	---	---	---
Étain	ppm	● <1	---	---	---
Aluminium	ppm	● 2	---	---	---
Chrome	ppm	● <1	---	---	---
Molybdène	ppm	● <1	---	---	---
Nickel	ppm	<1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	<1	---	---	---
Manganèse	ppm	● 1	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIFS

Calcium	ppm	● 23	---	---	---
Magnésium	ppm	● 1	---	---	---
Zinc	ppm	● 28	---	---	---
Phosphore	ppm	● 1503	---	---	---
Baryum	ppm	● <1	---	---	---
Bore	ppm	● 148	---	---	---

#### Diagnostic

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.

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: LIESTL  
 Unique No: 5278740  
 Signed: Wes Davis  
 Report Date: 09 Sep 2021



### GRAPHS

