

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 048608-1334 - Rear Differential

Sample No: LH0249893

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0249893	LH0246545	LH0246553	LH0250022
Sample Date	12 Jul 2023	11 May 2023	30 Apr 2023	01 Mar 2023
Machine Hours	18105	17103	15000	16000
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**NEXOLIA, CHAPAIS ENERGIE SEC**  
 140 RUE DE LA CONGENERATION  
 CHAPAIS, QC  
 CA G0W 1H0  
 Contact: Carl Adams



#### OIL CONDITION

Visc @ 40°C	cSt	180	180	179	193
		●	●	●	●

T: (418)745-2521  
 F: (418)745-3680



#### CONTAMINATION

Element	ppm	<1	2	1	1
Silicon	ppm	●	●	●	●
Sodium	ppm	●	●	●	●
Potassium	ppm	●	●	●	●

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



#### WEAR METALS

Element	ppm	7	7	17	26
Iron	ppm	●	●	●	●
Copper	ppm	●	●	●	●
Lead	ppm	●	●	●	●
Tin	ppm	●	●	●	●
Aluminum	ppm	●	●	●	●
Chromium	ppm	●	●	●	●
Molybdenum	ppm	●	●	●	●
Nickel	ppm	●	●	●	●
Titanium	ppm	●	●	●	●
Silver	ppm	●	●	●	●
Manganese	ppm	●	●	●	●
Vanadium	ppm	●	●	●	●



#### ADDITIVES

Element	ppm	12	0	5	4
Calcium	ppm	●	●	●	●
Magnesium	ppm	●	●	●	●
Zinc	ppm	●	●	●	●
Phosphorus	ppm	●	●	●	●
Barium	ppm	●	●	●	●
Boron	ppm	●	●	●	●

Depot: CHA140CHA  
 Unique No: 5617521  
 Signed: Wes Davis  
 Report Date: 26 Jul 2023



### GRAPHS

