

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 054860-1332 - Rear Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH	LH0153027	LH0246665	LH0215310
Sample Date	18 Jul 2023	14 Apr 2023	20 Jan 2023	04 Nov 2022
Machine Hours	13966	13063	12018	11194
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**GROUPE LIGNAREX INC.**  
 7700 CHEMIN DE LA BATTURE  
 LA BAIE, QC  
 CA G7B 3P6  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	185	194	189	189
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T:  
F:



#### CONTAMINATION

Silicon	ppm	1	2	4	<1
Sodium	ppm	1	2	2	1
Potassium	ppm	<1	<1	<1	0

#### 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

Iron	ppm	20	31	36	25
Copper	ppm	5	10	9	6
Lead	ppm	0	0	<1	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	2	3	4	3
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	5	<1	4	3
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	7	7	6	5
Phosphorus	ppm	2408	2364	2354	2408
Barium	ppm	0	0	0	0
Boron	ppm	2	<1	2	6

Depot: GROLAB  
 Unique No: 5618846  
 Signed: Wes Davis  
 Report Date: 02 Aug 2023



### GRAPHS

