

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 054860-1332 - Splitter Box

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH	LH0153026	LH0224138	LH0215309
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	ABNORMAL	SEVERE	NORMAL

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



#### OIL CONDITION

Visc @ 40°C	cSt	171	152	101	161
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T:  
F:



#### CONTAMINATION

Element	Unit	2	2	6	2
Silicon	ppm	2	2	6	2
Sodium	ppm	<1	<1	1	1
Potassium	ppm	<1	0	<1	<1

#### 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	Unit	---	40	213	45
PQ		---	40	213	45
Iron	ppm	58	104	477	203
Copper	ppm	<1	<1	1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	4	2
Chromium	ppm	<1	2	9	3
Molybdenum	ppm	<1	1	15	<1
Nickel	ppm	<1	<1	3	1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Element	Unit	10	34	259	17
Calcium	ppm	10	34	259	17
Magnesium	ppm	4	22	205	<1
Zinc	ppm	331	267	452	425
Phosphorus	ppm	2266	2177	1963	2278
Barium	ppm	0	0	0	0
Boron	ppm	2	1	4	22

Depot: GROLAB  
 Unique No: 5618847  
 Signed: Wes Davis  
 Report Date: 02 Aug 2023



### GRAPHS

