

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(363878)] LIEBHERR L556 0657 24-1826 - Splitter Box

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH	LH0270051	LH0251245	LH0242932
Sample Date	20 Oct 2023	07 Aug 2023	08 Mar 2023	10 Jan 2023
Machine Hours	8903	0	6115	4987
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**CGC DIVISION GYPSUM**  
 7200 RUE NOTRE-DAME EST  
 MONTREAL, QC  
 CA H1N 3L6  
 Contact: YVES CHEVALIER



#### OIL CONDITION

Visc @ 40°C	cSt	190	176	156	178
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T: (514)255-4061  
 F: (514)255-6075



#### CONTAMINATION

Silicon	ppm	2	1	2	2
Sodium	ppm	1	1	2	<1
Potassium	ppm	<1	<1	<1	<1

#### Diagnosis

Resample at the next service interval to monitor. 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.



#### WEAR METALS

Iron	ppm	10	15	15	15
Copper	ppm	2	<1	0	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	7	9	20	17
Magnesium	ppm	0	<1	1	<1
Zinc	ppm	346	226	22	13
Phosphorus	ppm	2519	2279	2232	2317
Barium	ppm	<1	0	0	0
Boron	ppm	1	7	66	34

Depot: CAN720MON  
 Unique No: 5670110  
 Signed: Wes Davis  
 Report Date: 31 Oct 2023



### GRAPHS

