

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0270051

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0270051	LH0251245	LH0242932	LH0238955
Sample Date	07 Aug 2023	08 Mar 2023	10 Jan 2023	03 Nov 2022
Machine Hours	0	6115	4987	4119
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	176	156	178	88.7
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T: (514)255-4061
F: (514)255-6075



CONTAMINATION

Element	ppm	1	2	2	16
Silicon	ppm	1	2	2	16
Sodium	ppm	1	2	<1	2
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

Element	ppm	15	15	15	31
Iron	ppm	15	15	15	31
Copper	ppm	<1	0	<1	1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	<1	0	<1
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

Element	ppm	9	20	17	36
Calcium	ppm	9	20	17	36
Magnesium	ppm	<1	1	<1	11
Zinc	ppm	226	22	13	38
Phosphorus	ppm	2279	2232	2317	1796
Barium	ppm	0	0	0	<1
Boron	ppm	7	66	34	270

Depot: CAN720MON
Unique No: 5620252
Signed: Wes Davis
Report Date: 10 Aug 2023



GRAPHS

