

LIEBHERR

CONSTRUCTION EQUIPMENT



[(336305)] LIEBHERR L566 057382-1332 - Rear Left Wheel H

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH0256085	LH0235213	LH
Sample Date	13 Sep 2023	14 Apr 2023	23 Sep 2022	22 Mar 2022
Machine Hours	5000	3900	3045	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	177	180	177	183
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T: (514)255-4061
F: (514)255-6075



CONTAMINATION

Silicon	ppm	1	2	2	16
Sodium	ppm	2	2	3	8
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	38	56	54	395
Copper	ppm	9	17	23	73
Lead	ppm	0	<1	<1	2
Tin	ppm	<1	<1	<1	4
Aluminum	ppm	<1	<1	<1	2
Chromium	ppm	<1	0	<1	3
Molybdenum	ppm	2	4	4	40
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	2	22
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	20	6	58	270
Magnesium	ppm	<1	<1	<1	3
Zinc	ppm	11	7	23	96
Phosphorus	ppm	2314	2420	2393	2391
Barium	ppm	0	0	0	<1
Boron	ppm	<1	<1	2	10

Depot: CAN720MON
Unique No: 5643962
Signed: Wes Davis
Report Date: 15 Sep 2023



GRAPHS

