

LIEBHERR

CONSTRUCTION EQUIPMENT



[(336305)] LIEBHERR L566 057382-1332 - Front Right Wheel

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH	LH0235156	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	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	177	178	175	176
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T: (514)255-4061
 F: (514)255-6075



CONTAMINATION

Silicon	ppm	13	3	3	13
Sodium	ppm	2	2	3	6
Potassium	ppm	0	0	<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	37	90	56	260
Copper	ppm	7	21	22	55
Lead	ppm	<1	<1	<1	2
Tin	ppm	<1	<1	1	4
Aluminum	ppm	<1	<1	0	2
Chromium	ppm	<1	<1	<1	2
Molybdenum	ppm	4	19	3	14
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	2	2	16
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	19	9	81	217
Magnesium	ppm	<1	<1	<1	2
Zinc	ppm	8	8	28	75
Phosphorus	ppm	2322	2425	2392	2395
Barium	ppm	0	0	0	0
Boron	ppm	1	1	3	8

Depot: CAN720MON
 Unique No: 5643959
 Signed: Wes Davis
 Report Date: 15 Sep 2023



GRAPHS

