

LIEBHERR

CONSTRUCTION EQUIPMENT



[(336305)] LIEBHERR L566 057382-1332 - Splitter Box

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH0270045	LH0256088	LH0235160
Sample Date	13 Sep 2023	07 Aug 2023	14 Apr 2023	23 Sep 2022
Machine Hours	5000	4851	3900	3045
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	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	119	122	154	125
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T: (514)255-4061
 F: (514)255-6075



CONTAMINATION

Silicon	ppm	1	2	3	3
Sodium	ppm	1	<1	1	2
Potassium	ppm	<1	<1	0	<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	14	16	24	20
Copper	ppm	1	1	<1	<1
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	32	36	24	33
Magnesium	ppm	1	1	2	2
Zinc	ppm	210	203	56	42
Phosphorus	ppm	1930	2070	2197	1777
Barium	ppm	0	0	0	0
Boron	ppm	7	8	28	130

Depot: CAN720MON
 Unique No: 5643965
 Signed: Wes Davis
 Report Date: 15 Sep 2023



GRAPHS

