

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Front Right Wheel Hub

Sample No: LH0239958

Oil Type: LIEBHERR GEAR BASIC 90 LS



HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9

Contact: Eric Brisebois
ericbrisebois99@gmail.com

T:
F:



SAMPLE INFORMATION

Sample Number	LH0239958	LH0208258	LH0241856	LH0241865
Sample Date	04 Sep 2023	07 Jun 2023	07 Jun 2023	18 Apr 2023
Machine Hours	2265	1668	1668	1142
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	179	173	176	138
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	2	4	4	7
Sodium	ppm	6	6	6	11
Potassium	ppm	<1	1	<1	0



WEAR METALS

Iron	ppm	25	27	35	32
Copper	ppm	4	5	6	13
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<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	121	220	244	716
Magnesium	ppm	<1	2	3	3
Zinc	ppm	39	87	108	351
Phosphorus	ppm	2281	2301	2308	2124
Barium	ppm	<1	0	0	0
Boron	ppm	4	8	7	21

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.

Depot: HUBBOI
Unique No: 5659431
Signed: Wes Davis
Report Date: 19 Oct 2023



GRAPHS

