

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Splitter Box

Sample No: LH0241897

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0241897	LH0241873	LH0239954	LH0241861
Sample Date	01 Mar 2024	31 Oct 2023	04 Sep 2023	07 Jun 2023
Machine Hours	3900	2739	2265	1668
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HUBERT & FILS

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

Contact: Eric Brisebois
ericbrisebois99@gmail.com

T:
F:



OIL CONDITION

Visc @ 40°C	cSt	182	167	152	125



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	2	2	4
Sodium	ppm	2	2	2	3
Potassium	ppm	<1	0	<1	2

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	9	15	28	63
Copper	ppm	2	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	0	0	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	9	10	9	16
Magnesium	ppm	<1	<1	<1	2
Zinc	ppm	17	15	18	28
Phosphorus	ppm	2217	2105	1888	1407
Barium	ppm	0	0	<1	0
Boron	ppm	8	13	24	60

Depot: HUBBOI
Unique No: 5750523
Signed: Wes Davis
Report Date: 28 Mar 2024



GRAPHS

