

LIEBHERR

CONSTRUCTION EQUIPMENT



[(365672)] LIEBHERR LH50M 135585-1216 - Splitter Box

Sample No: LH0223049

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0223049	LH0223037	LH0223025	LH0223013
Sample Date	25 Oct 2022	25 Aug 2022	27 Jun 2022	04 May 2022
Machine Hours	4976	3930	2996	2003
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Weyerhaeuser

1000 Jones road

Kenora, ON

CA P9N 3X8

Contact: Rene Gagne

rene.gagne@weyerhaeuser.com

T: (807)548-7277

F: (807)548-7201



Oil Condition

Visc @ 40°C	cSt	166	171	173	155



Contamination

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



Wear Metals

Iron	ppm	6	5	6	25
Copper	ppm	2	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	17	16	12	8
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	45	28	19	18
Phosphorus	ppm	2341	2191	2206	2229
Barium	ppm	0	0	0	0
Boron	ppm	4	4	17	113

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: WEY100KEN

Unique No: 5477278

Signed: Wes Davis

Report Date: 02 Nov 2022



Graphs

