

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112545-1253 - Transmission (Manual)

Sample No: LH0247423

Oil Type: {unknown}



Sample Information

Sample Number	LH0247423	LH0239587	LH	LH
Sample Date	13 Dec 2022	14 Aug 2022	20 Oct 2021	20 May 2021
Machine Hours	10473	9604	7113	6034
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GREEN METALS CANADA

224 BEARDS LANE
WOODSTOCK, ON
CA N4S 7W3

Contact: Jamie Depotie
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Oil Condition

Visc @ 40°C	cSt	72.0	69.8	77.3	75.1
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Contamination

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



Wear Metals

Iron	ppm	3	4	4	7
Copper	ppm	18	28	35	39
Lead	ppm	<1	<1	1	2
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	1	<1	1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	59	59	57	56
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	2	2	3	7
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	1112	1085	1052	1101
Magnesium	ppm	956	964	980	928
Zinc	ppm	1184	1186	1187	1211
Phosphorus	ppm	1095	1057	1077	1051
Barium	ppm	0	0	0	<1
Boron	ppm	5	7	6	3

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: GRE224WOO
Unique No: 5514771
Signed: Wes Davis
Report Date: 17 Jan 2023



Graphs

