

LIEBHERR

CONSTRUCTION EQUIPMENT



[(341151)] LIEBHERR LH50M 124548-1216 - Transmission (Man

Sample No: LH0279484

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0279484	LH0251080	LH0225580	LH0226988
Sample Date	29 Nov 2023	15 Feb 2023	08 Jun 2022	22 Mar 2022
Machine Hours	8966	8375	7139	6191
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

INDUSTRIES GDS INC.

6 CHEMIN QOSPEM
POINTE-A-LA-CROIX, QC
CA G0C 1L0

Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	50.7	50.4	49.7	53.7
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T:

F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	7	5	5
Sodium	ppm	4	5	5	5
Potassium	ppm	0	<1	1	<1

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.



WEAR METALS

Iron	ppm	31	71	36	34
Copper	ppm	38	65	73	44
Lead	ppm	<1	2	2	1
Tin	ppm	3	6	4	3
Aluminum	ppm	3	4	3	3
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	58	59	58	56
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	5	10	11	10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	959	1107	1043	1147
Magnesium	ppm	1032	1035	1057	1001
Zinc	ppm	1181	1259	1248	1230
Phosphorus	ppm	1069	1220	1198	1130
Barium	ppm	<1	0	<1	0
Boron	ppm	35	31	33	21

Depot: IND6POI

Unique No: 5694360

Signed: Bill Quesnel

Report Date: 07 Dec 2023



GRAPHS

