

LIEBHERR

CONSTRUCTION EQUIPMENT



[(365672)] LIEBHERR LH50M 135585-1216 - Transmission (Ma

Sample No: LH0223051

Oil Type: MOBIL DELVAC 0W40



Sample Information

Sample Number	LH0223051	LH0223039	LH0223027	LH0223015
Sample Date	26 Oct 2022	25 Aug 2022	27 Jun 2022	03 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

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Oil Condition

Visc @ 40°C	cSt	46.1	46.4	45.3	46.3



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	4	4
Sodium	ppm	7	11	18	32
Potassium	ppm	<1	1	2	3



Wear Metals

Iron	ppm	27	31	40	49
Copper	ppm	24	33	43	47
Lead	ppm	<1	<1	2	2
Tin	ppm	<1	<1	1	2
Aluminum	ppm	3	3	3	3
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	6	10	17
Vanadium	ppm	0	0	<1	<1



Additives

Calcium	ppm	2495	2612	2991	3346
Magnesium	ppm	11	11	11	11
Zinc	ppm	1143	1118	1153	1183
Phosphorus	ppm	1114	1027	1070	1164
Barium	ppm	0	<1	<1	1
Boron	ppm	5	4	5	7

Diagnosis

Resample at the next service interval to monitor. 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: WEY100KEN

Unique No: 5477259

Signed: Wes Davis

Report Date: 02 Nov 2022



Graphs

