

## LIEBHERR LH50 1216-131051 - Transmission (Manual)

Sample No: LH0213096

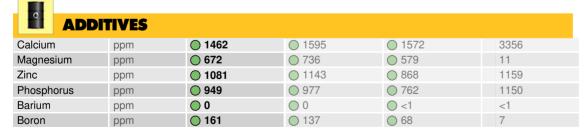
Oil Type: DIESEL ENGINE OIL SAE 5W40

## SAMPLE INFORMATION

Sample Number	LH0213096	LH0213026	LH0213110	LH0213012	
Sample Date	30 Aug 2023	25 Apr 2023	24 Jan 2023	03 Dec 2021	
Machine Hours	9736	0	7995	1664	
Oil Hours	0	0	0	0	
Oil Changed	Changed	Changed	Changed	Changed	
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL	
Visc @ 40°C cSt	43.9	44.0	0 44.1	◯ 43.2	
<b>**</b>					

	'AMINATIO	DN			
Silicon	ppm	<b>5</b>	O 5	6	04
Sodium	ppm	07	8	0 14	0 48
Potassium	ppm	<b>○</b> <1	3	0	04

WEA WEA	R META	LS			
Iron	ppm	<b>0</b> 41	◯ 55	81	○ 44
Copper	ppm	0 12	0 15	27	0 42
Lead	ppm	0 🔘	0	0 1	◯ <1
Tin	ppm	<mark></mark> <1	○ <1	0 1	◯ <1
Aluminum	ppm	0 2	0 4	0 4	6
Chromium	ppm	0 🔘	○ <1	◯ <1	◯ <1
Molybdenum	ppm	03	03	◯ <1	<1
Nickel	ppm	0 ()	0	◯ <1	0
Titanium	ppm	0 75	54	0	<1
Silver	ppm	0 ()	0	0	◯ <1
Manganese	ppm	6	09	0 14	37
Vanadium	ppm	<1	<1	0	<1





## **BOISE WHITE PAPER**

3RD AVE AND HWY 11, 400 2ND ST INTERNATIONAL FALLS, MN US 56649 Contact: GARY MANN garymann@packagingcorp.com T: F: (218)285-5860

## 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:	BOIINT
Unique No:	10633809
Signed:	Don Baldridge
Report Date:	08 Sep 2023







GRAPHS

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