

LIEBHERR LH50 1216-131051 - Front Left Wheel Hub

Sample No: LH0213097

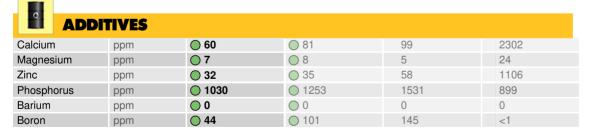
Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0213097	LH0213027	LH0213111	LH0213013
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	138	0 143	0 164	102
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	AMINATIO	ON			
Silicon	ppm	6	6	8	○ 5
Sodium	ppm	8	0 4	6	02
Potassium	ppm	02	3	2	0 14

WEA	R METALS					
Iron	ppm	0 273	0 184	310	25	
Copper	ppm	0 49	0 22	0 39	01	
Lead	ppm	0	0	0	01	
Tin	ppm	0 🔘	0	0	○ <1	
Aluminum	ppm	3	2	2	0 10	
Chromium	ppm	<mark></mark> <1	○ <1	◯ <1	○ <1	
Molybdenum	ppm	02	2	1	4	
Nickel	ppm	0 🔘	0	0 1	02	
Titanium	ppm	<1	0	0	<1	
Silver	ppm	0	0	0	<1	
Manganese	ppm	04	3	4	<1	
Vanadium	ppm	<1	<1	<1	<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:	10633789
Signed:	Sean Felt
Report Date:	08 Sep 20





GRAPHS

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