

LIEBHERR LH50M 1216-108671 - Front Left Wheel Hub

Sample No: LH0258753

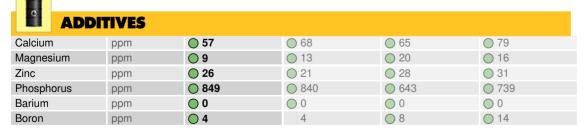
Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0258753	LH0263993	LH0243413	LH0254788
Sample Date	23 Feb 2024	14 Dec 2023	05 Sep 2023	12 Apr 2023
Machine Hours	20036	19125	17864	16979
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL
OIL CONDITION				
Visc @ 40°C cSt	0 121	0 124	129	137
**				

	NTAMIN/	ATION				
Water	%	NEG	NEG	NEG	NEG	
Silicon	ppm	0 2	0 2	02	02	
Sodium	ppm	03	2	○ <1	0 1	
Potassium	ppm	01	0	○ <1	0	

Ä					
WEA	R METALS				
Iron	ppm	0 15	0 15	0 16	24
Copper	ppm	01	01	02	2
Lead	ppm	0	0	0	0
Tin	ppm	○ <1	○ <1	0	0
Aluminum	ppm	○ <1	0	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	○ <1
Nickel	ppm	○ <1	0	0	0
Titanium	ppm	○ <1	◯ <1	01	0
Silver	ppm	0	0	0	0 0
Manganese	ppm	○ <1	◯ <1	○ <1	○ <1
Vanadium	ppm	0	0	0	<1







AMERICAN STATE EQUIPMENT CO.

2400 NORTH 14TH AVENUE WAUSAU, WI US 54401 Contact: CHRIS BARTNIK cbartnik@amstate.com T: (715)675-6900 F: (715)675-9748

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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:	LEC0008
Unique No:	10915874
Signed:	Wes Davis
Report Date:	08 Mar 2024

Contact/Location: CHRIS BARTNIK - LEC0008





GRAPHS

