CONSTRUCTION EQUIPMENT

LIEBHERR LH50 1203-81839 - Front Differential

Sample No: LH0243711

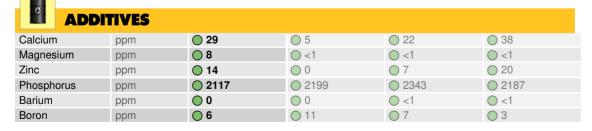
Oil Type: GEAR OIL SAE 85W90

SAMPLE INFORMATION

Sample Number		LH0243711	LH0185305	LH0166797	LHMC148364
Sample Date		27 Sep 2023	04 Aug 2021	28 Sep 2020	15 May 2019
Machine Hours		0	7953	6978	4996
Oil Hours		0	0	0	0
Oil Changed		Changed	Changed	Changed	Changed
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL
Visc @ 40°C	cSt	O 170	0 195	0 194	0 193
1					

	AMINATI	ON			
Silicon	ppm	○ <1	2	○ <1	○ <1
Sodium	ppm	○ <1	3	04	3
Potassium	ppm	0	0	○ <1	0

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WEA	R METALS				
Iron	ppm	◯ 4	O 5	04	○ 5
Copper	ppm	6	04	0 10	0 10
Lead	ppm	0	○ <1	○ <1	2
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	○ <1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	01	0	0	○ <1
Nickel	ppm	0	○ <1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	4	0
Manganese	ppm	○ <1	○ <1	○ <1	○ <1
Vanadium	ppm	<1	0	0	0





AMERICAN STATE EQUIPMENT CO. 2055 SOUTH 108TH STREET

MILWAUKEE, WI US 53227 Contact: RAY SCHMIDT RSCHMIDT@AMSTATE.COM T: (414)234-0854 F: (414)541-1892

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:	LEC0007
Unique No:	10673824
Signed:	Sean Felton
Report Date:	04 Oct 2023

Contact/Location: RAY SCHMIDT - LEC0007





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Ferrous Alloys

GRAPHS

