



LIEBHERR L586 068244 - Rear Right Wheel Hub

192

Sample No: LH0278524

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

Sample Number	LH0278524	LH	
Sample Date	22 Dec 2023	15 Sep 2023	
Machine Hours	7142	0	
Oil Hours	0	0	
Oil Changed	Changed	Changed	
Sample Status	NORMAL	NORMAL	
OIL CONDITION			

Visc @ 40°C

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Water	%	NEG	NEG		
Silicon	ppm	0 2	0 2		
Sodium	ppm	01	0 2		
Potassium	ppm	0 <1	0 0		

179

	R METALS		_	
Iron	ppm	3 4	0 13	
Copper	ppm	5	5	
Lead	ppm	0 🔘	0	
Tin	ppm	○ <1	0	
Aluminum	ppm	○ <1	0	
Chromium	ppm	○ <1	0	
Molybdenum	ppm	0 🔘	0	
Nickel	ppm	○ <1	○ <1	
Titanium	ppm	0	0	
Silver	ppm	0	<1	
Manganese	ppm	2	1	
Vanadium	ppm	0	0	

0

ADD	ITIVES			
Calcium	ppm	07	15	
Magnesium	ppm	<mark></mark> <1	1	
Zinc	ppm	08	19	
Phosphorus	ppm	0 2341	2264	
Barium	ppm	0	<1	
Boron	ppm	○ <1	1	



Gerdau - Mandak Metal Processors Ltd.,

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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.

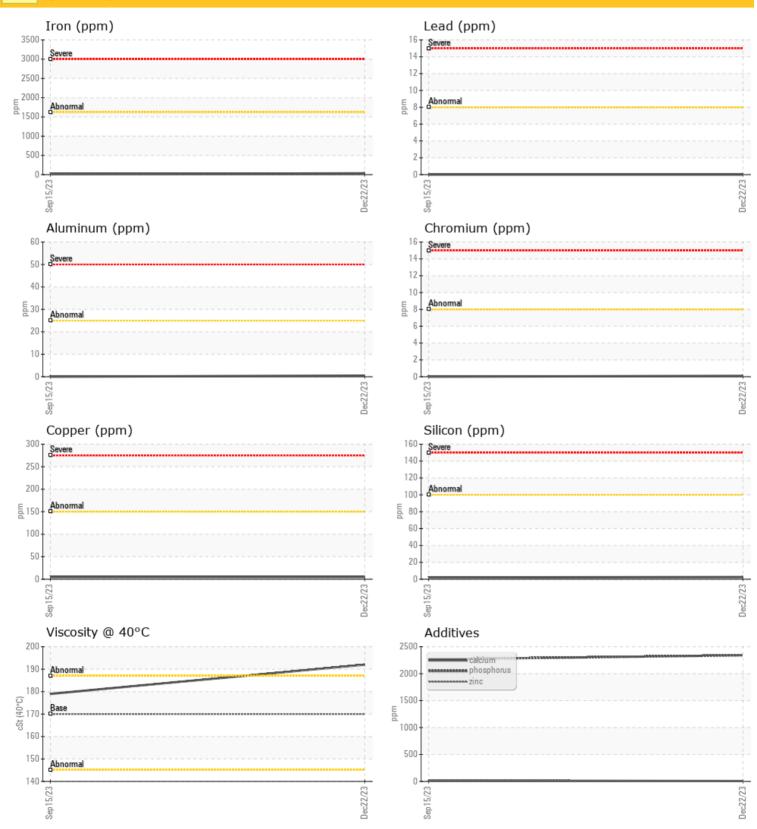
Depot:	MANSEL
Unique No:	5720327
Signed:	Wes Davis
Report Date:	25 Jan 2024





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