LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH30M 138696-1253 - Rear Right Wheel Hub

Sample No: LH0279069

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLEIN	FORMATION			
Sample Number	LH0279069	LH0256077	LH0250758	
Sample Date	26 Jan 2024	14 Jun 2023	15 Feb 2023	
Machine Hours	3129	1925	1202	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	Changed	
Sample Status	NORMAL	NORMAL	NORMAL	
A				



Contact: Service Manager

T: F:

OILC	ONDITI	ON			
Visc @ 40°C	cSt	187	O 152	64.8	
CONT		ATION			

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.

CONTAMINATION							
Water	%	NEG	NEG	NEG			
Silicon	ppm	3	O 3	9			
Sodium	ppm	3	4	O 15			
Potassium	ppm	1	O <1	1			
(A)							

WEA	R METALS				
Iron	ppm	8	O 7	O 12	
Copper	ppm	1	O 2	O 5	
Lead	ppm	0	0	O <1	
Tin	ppm	0	0	0	
Aluminum	ppm	0	O <1	O <1	
Chromium	ppm	0	O 0	O <1	
Molybdenum	ppm	0	O 0	O 0	
Nickel	ppm	0 <1	O <1	O <1	
Titanium	ppm	0	0	<1	
Silver	ppm	0	0	0	
Manganese	ppm	0	O <1	○ 3	
Vanadium	ppm	0	0	0	

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ADDITIVES							
Calcium	ppm	158	648	3695			
Magnesium	ppm	2	O 2	O 11			
Zinc	ppm	55	271	1416			
Phosphorus	ppm	2241	O 2275	1230			
Barium	ppm	0	0	O <1			
Boron	ppm	4	17	99			

Depot:MET126WICUnique No:5721302Signed:Wes DavisReport Date:30 Jan 2024

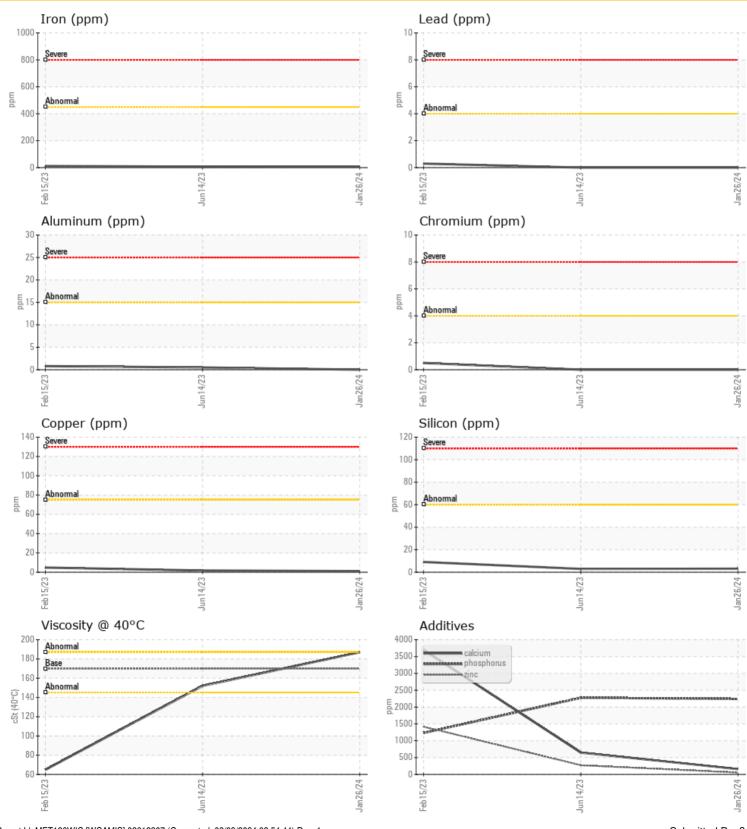
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GRAPHS



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