CONSTRUCTION EQUIPMENT

LIEBHERR LH60M 1217-146314 - Diesel Engine

11.615.2

57

Sample No: LH0286178

Oil Type: LIEBHERR MOTOROIL 5W30

SAMPLE INFORMATION

Sample Number	LH0286178	 	
Sample Date	24 Jan 2024	 	
Machine Hours	2000	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

OIL C	ONDITION
Visc @ 100°C	cSt
Base Number (BN	J) mg KOH/g

%

Oxidation (PA)

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Water	%	NEG				
Soot %	%	0.1				
Nitration (PA)	%	124				
Sulfation (PA)	%	47				
Glycol	%	NEG				
Fuel	%	<1.0				
Silicon	ppm	6				
Sodium	ppm	0 2				
Potassium	ppm	04				

WEAR METALS					
Iron	ppm	0 12			
Copper	ppm	07			
Lead	ppm	◯ <1			
Tin	ppm	01			
Aluminum	ppm	04			
Chromium	ppm	01			
Molybdenum	ppm	02			
Nickel	ppm	○ <1			
Titanium	ppm	<1			
Silver	ppm	0 🔘			
Manganese	ppm	◯ <1			
Vanadium	ppm	0			

ADDITIVES						
Calcium	ppm	0 4682				
Magnesium	ppm	0 40				
Zinc	ppm	0 1318				
Phosphorus	ppm	O 1193				
Barium	ppm	0				
Boron	ppm	0 279				





C AND B EQUIPMENT, LLC 4831 US-42 GHENT, KY US 41045 Contact: Service Manager

T: F:

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

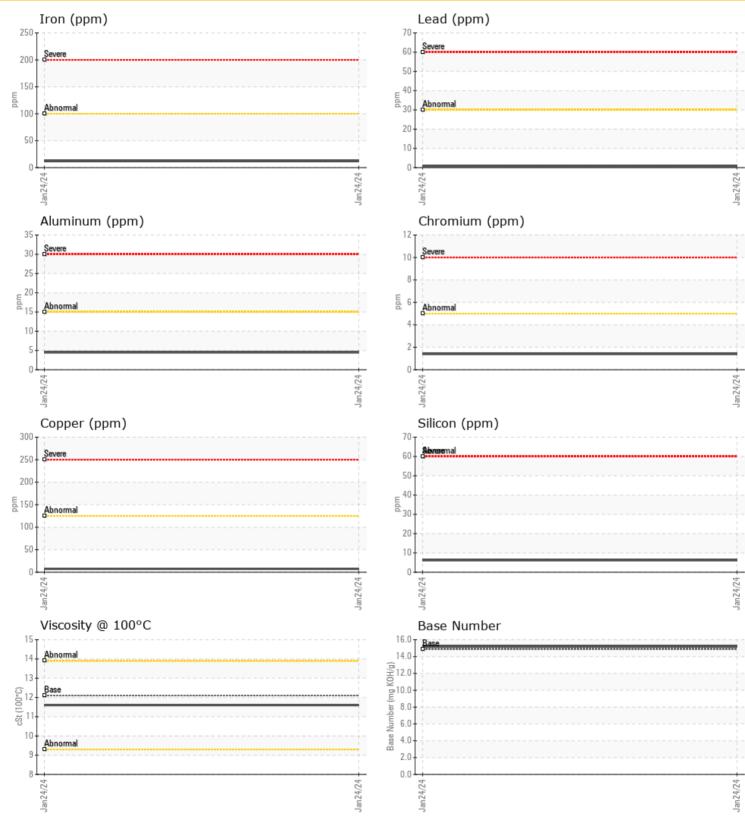
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