

## LIEBHERR LH60 1217-143694 - Diesel Engine

Sample No: LH0276062

Δ.

Oxidation (PA)

....

%

Oil Type: LIEBHERR MOTOROIL 5W30

## SAMPLE INFORMATION

Sample Number	LH0276062	 	
Sample Date	21 Nov 2023	 	
Machine Hours	1960	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

Visc @ 100°C	cSt	0 11.5			
Base Number (BN)	mg KOH/g	0 14.9			

51

Water	%	NEG				
Soot %	%	0.1				
Nitration (PA)	%	115				
Sulfation (PA)	%	45				
Glycol	%	NEG				
Fuel	%	<1.0				
Silicon	ppm	08				
Sodium	ppm	0				
Potassium	ppm	6				

	<b>R META</b>	LS		
Iron	ppm	9	 	
Copper	ppm	04	 	
Lead	ppm	0	 	
Tin	ppm	<b>○</b> <1	 	
Aluminum	ppm	03	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	0 2	 	
Nickel	ppm	0 🔘	 	
Titanium	ppm	<1	 	
Silver	ppm	0 🔘	 	
Manganese	ppm	<b>○</b> <1	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	<b>0</b> 4135				
Magnesium	ppm	<b>0</b> 21				
Zinc	ppm	0 1165				
Phosphorus	ppm	<b>0</b> 1030				
Barium	ppm	<b>○</b> <1				
Boron	ppm	<b>247</b>				

Depot: Unique No: Signed: Report Date:



Report Id: CANGHE [WUSCAR] 06058609 (Generated: 01/15/2024 10:01:51) Rev: 1



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

T: F:

## Diagnosis

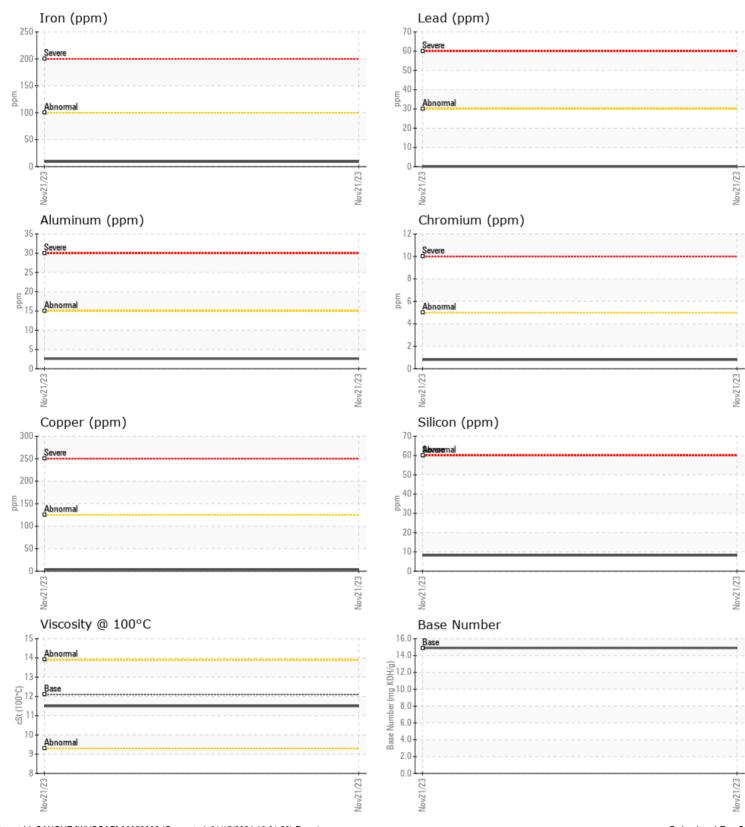
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.





GRAPHS

 $\odot$ 



Report Id: CANGHE [WUSCAR] 06058609 (Generated: 01/15/2024 10:01:53) Rev: 1