

## LIEBHERR L566 1484-60217 - Diesel Engine

Sample No: LH0263746 {unknown}

**Oil Type:** 

**A** 

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## **SAMPLE INFORMATION**

Sample Number	LH0263746	LH0263724	 
Sample Date	11 Jan 2024	18 Apr 2023	 
Machine Hours	5070	3000	 
Oil Hours	0	0	 
Oil Changed	N/A	N/A	 
Sample Status	NORMAL	ABNORMAL	 

Visc @ 100°C	cSt	11.5	0 11.7			
Base Number (BN)	mg KOH/g	0 15.5	0 14.1			
Oxidation (PA)	%	45	48			

Water	%	NEG	NEG		
Soot %	%	0.1	0.1		
Nitration (PA)	%	96	100		
Sulfation (PA)	%	42	45		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	0 2.1		
Silicon	ppm	0 11	0 15		
Sodium	ppm	01	0 4		
Potassium	ppm	0	0 1		

WE/	AR META	LS		
Iron	ppm	2	08	 
Copper	ppm	01	0 2	 
Lead	ppm	01	○ <1	 
Tin	ppm	0	○ <1	 
Aluminum	ppm	<b>3</b>	0 2	 
Chromium	ppm	◯ <1	○ <1	 
Molybdenum	ppm	0 ()	5	 
Nickel	ppm	01	0 0	 
Titanium	ppm	<1	<1	 
Silver	ppm	◯ <1	0	 
Manganese	ppm	<1	<1	 
Vanadium	ppm	<1	<1	 

ADDITIVES						
Calcium	ppm	0 4138	0 4252			
Magnesium	ppm	◯ 35	0 89			
Zinc	ppm	0 1253	0 1208			
Phosphorus	ppm	0 1029	0 1031			
Barium	ppm	0	0			
Boron	ppm	<b>239</b>	259			



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## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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.

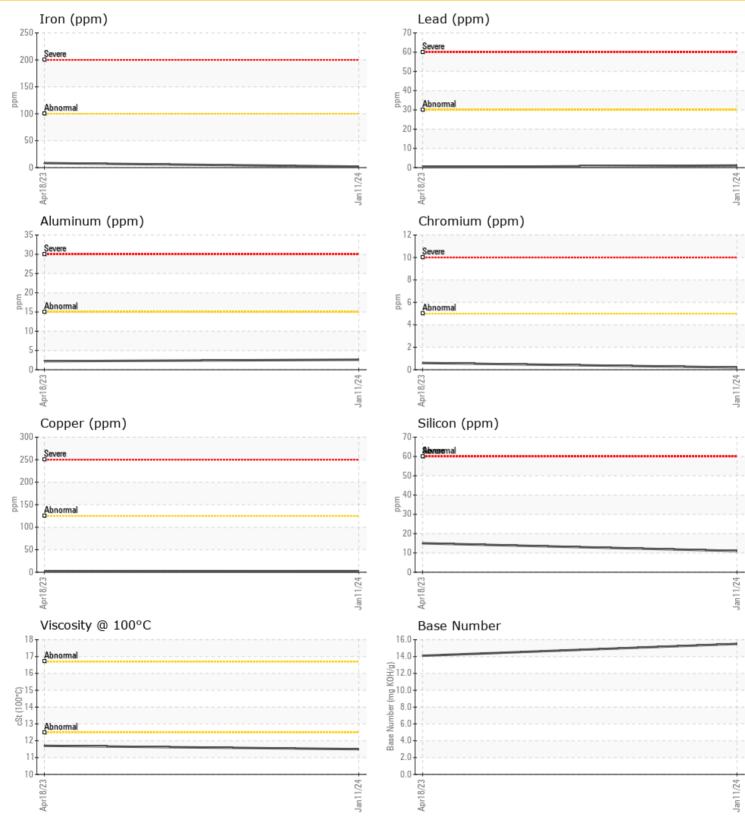






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