

LIEBHERR R936 048753-1780 - Diesel Engine

Sample No: LH0220965

Oil Type: DIESEL ENGINE OIL SAE 5W30

Sample Information

Sample Number	LH0220965	 	
Sample Date	18 Apr 2024	 	
Machine Hours	1977	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

0	Oil Co	ndition
Visc @	100°C	cSt
Rase Ni	mber (BNI)	ma KOH/a

Visc @ 100°C	cSt	0 12.9
Base Number (BN)	mg KOH/g	06.5
Oxidation (PA)	%	88
- AL		

Cont	amina	tion		
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	91	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	08	 	
Sodium	ppm	03	 	
Potassium	ppm	04	 	

🚟 Wee	ar Metals	5		
Iron	ppm	8	 	
Copper	ppm	0 5	 	
Lead	ppm	 <1	 	
Tin	ppm	○ <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	04	 	
Nickel	ppm	<mark></mark> <1	 	
Titanium	ppm	○ <1	 	
Silver	ppm	<mark></mark> <1	 	
Manganese	ppm	<mark></mark> <1	 	
Vanadium	ppm	<1	 	

Additives					
Calcium	ppm	0 1687			
Magnesium	ppm	682			
Zinc	ppm	900			
Phosphorus	ppm	0 787			
Barium	ppm	0 2			
Boron	ppm	O 135			





LIEBHERR EQUIPMENT SOURCE

4100 CHESTNUT AVENUE NEWPORT NEWS, VA US 23607 Contact: LUKE APPLEBY Lucas.Appleby@liebherr.com T: F: (757)298-8700

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.

Depot: LIEBHERRUS Unique No: 11004548 Signed: Don Baldridge Report Date: 01 May 2024

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Report Id: LIEBHERRUS [WUSCAR] 06163829 (Generated: 05/03/2024 21:51:06) Rev: 1
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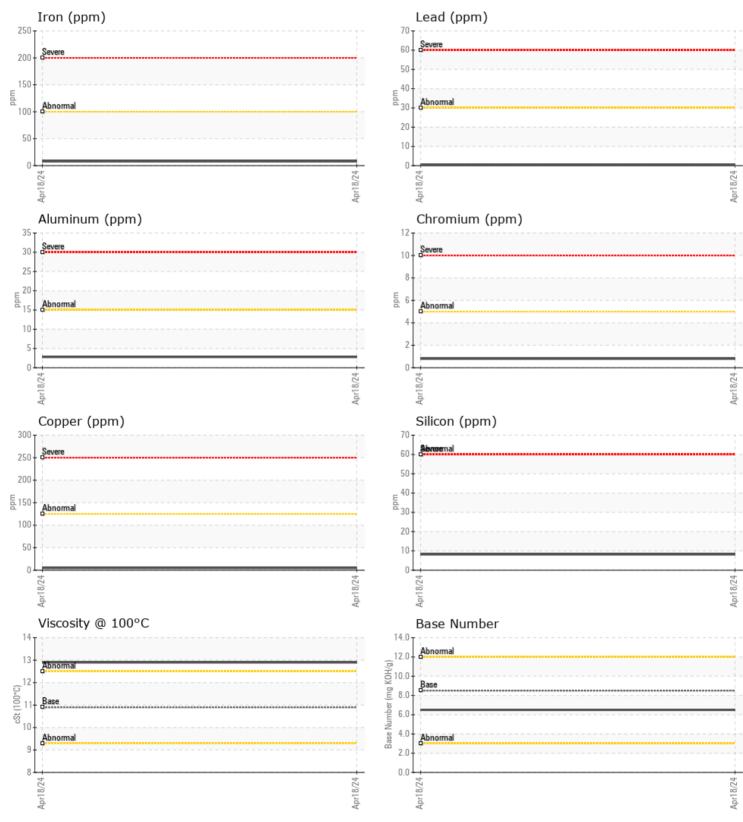
Contact/Location: LUKE APPLEBY - LIEBHERRUS

CONSTRUCTION EQUIPMENT



Graphs

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