- HERR **CONSTRUCTION EQUIPMENT**

NOT GIVEN LHMC148153 (S/N NO INFO ON SIF/BOTTLE) - Diese

Sample No: LHMC148153

Oil Type:

als Niccosts

SAMPLE INFORMATION

NOT GIVEN

Sample Number	LHMC148153	 	
Sample Date	22 Oct 2023	 	
Machine Hours	0	 	
Oil Hours	0	 	
Oil Changed	N/A	 	
Sample Status	NORMAL	 	
	ION		
Visc @ 100°C cSt	12.0	 	
Base Number (BN) mg KOH	/g 🔵 10.3	 	
Oxidation (PA) %	69	 	

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Soot %	%	0.1			
Nitration (PA)	%	118			
Sulfation (PA)	%	60			
Glycol	%	NEG			
Fuel	%	0 1.5			
Silicon	ppm	07			
Sodium	ppm	3			
Potassium	ppm	04			

WEAR METALS

Iron	ppm	1 6	 	
Copper	ppm	06	 	
Lead	ppm	03	 	
Tin	ppm	○ <1	 	
Aluminum	ppm	0 2	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	0 11	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

	ITIVES			
Calcium	ppm	0 3123	 	
Magnesium	ppm	201	 	
Zinc	ppm	0 1058	 	
Phosphorus	ppm	0 883	 	
Barium	ppm	0 (
Boron	ppm	0 114	 	





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. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. Fuel content negligible. 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 **Report Date:** 26 Oct 2023

Unique No: 10709949 Signed: Jonathan Hester

Report Id: LIEBHERRUS [WUSCAR] 05987287 (Generated: 10/29/2023 18:36:31) Rev: 1

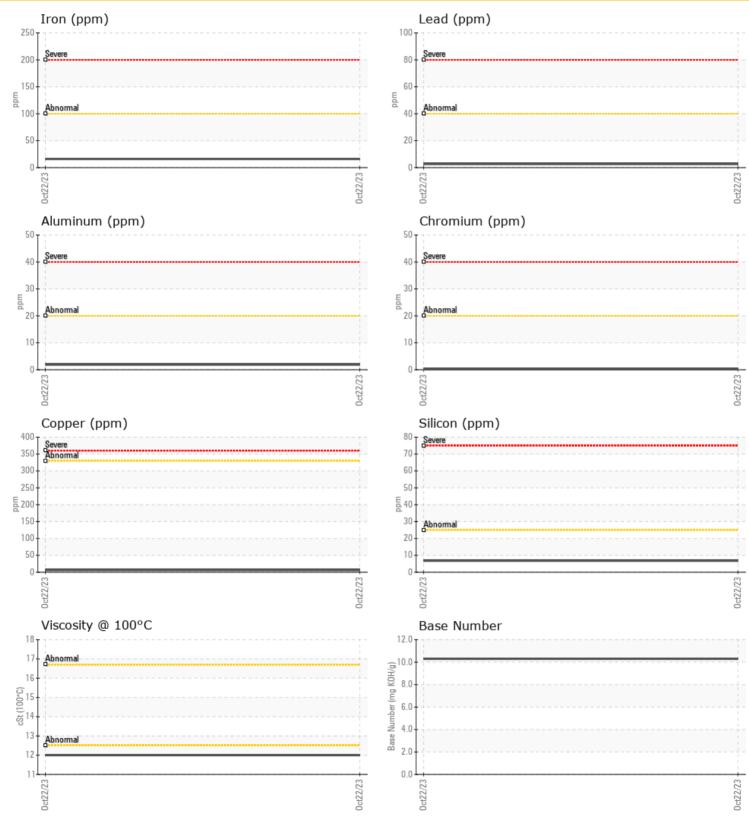
Contact/Location: LUKE APPLEBY - LIEBHERRUS

CONSTRUCTION EQUIPMENT



GRAPHS

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Contact/Location: LUKE APPLEBY - LIEBHERRUS