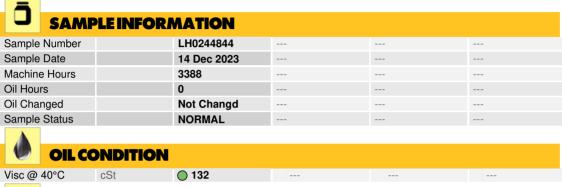
# LIEBHERR

## **CONSTRUCTION EQUIPMENT**

### MS20 - Rear Right Wheel Hub

Sample No: LH0244844

Oil Type: GEAR OIL SAE 80W90



COL	CONTAMINATION								
Water	%	NEG							
Silicon	ppm	<b>1</b>							
Sodium	ppm	<b>0</b>							
Potassium	ppm	<b>1</b>		***					

WEA	R METAL	S		
Iron	ppm	<b>35</b>	 	
Copper	ppm	<b>○</b> <1	 	
Lead	ppm	<b>0</b>	 	
Tin	ppm	0	 	
Aluminum	ppm	<b>2</b>	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	<b>0</b>	 	
Nickel	ppm	<b>0</b>	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<b>0</b>	 	
Vanadium	ppm	0	 	

vanadium	ppm	U					
0							
ADDITIVES							
Calcium	ppm	<b>32</b>					
Magnesium	ppm	<b>0</b> <1					
Zinc	ppm	0					
Phosphorus	ppm	<b>924</b>					
Barium	ppm	<b>0</b>					
Boron	ppm	<b>288</b>					





#### OSCAR WINSKI CO. INC 2407 N. 9TH STREET

LAFAYETTE, IN US 47904

Contact: JAYSON FRAZIER frazieri@oscarwinski.com

T: (765)376-1230

F: x:

#### 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 condition of the oil is acceptable for the time in service.

Depot: OSCLAF
Unique No: 10807294
Signed: Jonathan Hester
Report Date: 29 Dec 2023

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# CONSTRUCTION EQUIPMENT





#### **GRAPHS**

