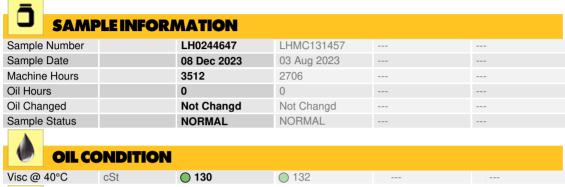
## LIEBHERR

### **CONSTRUCTION EQUIPMENT**



Sample No: LH0244647

Oil Type: GEAR OIL SAE 80W90



CONTAMINATION							
Water	%	NEG	NEG				
Silicon	ppm	<b>O</b> <1	O <1				
Sodium	ppm	<b>()</b> <1	O 2				
Potassium	ppm	<b>0</b>	O 0				

<b>WEA</b>	R METALS	5		
Iron	ppm	<b>16</b>	<b>6</b>	 
Copper	ppm	<b>1</b>	O <1	 
Lead	ppm	<b>0</b>	O 0	 
Tin	ppm	0	0	 
Aluminum	ppm	<b>0</b>	O 0	 
Chromium	ppm	<b>0</b>	O 0	 
Molybdenum	ppm	<b>0</b>	0	 
Nickel	ppm	<b>0</b>	O 0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	<b></b> <1	<1	 
Vanadium	ppm	0	0	 

ADDITIVES							
Calcium	ppm	<b>63</b>	62				
Magnesium	ppm	<b>0</b>	1				
Zinc	ppm	<b>34</b>	28				
Phosphorus	ppm	<b>970</b>	925				
Barium	ppm	<b>0</b>	0				
Boron	ppm	<b>260</b>	295				

Report Id: OSCLAF [WUSCAR] 06046458 (Generated: 12/29/2023 11:12:27) Rev: 1





OSCAR WINSKI CO. INC 2407 N. 9TH STREET LAFAYETTE, IN US 47904

Contact: JAYSON FRAZIER frazierj@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: 10807066
Signed: Jonathan Hester
Report Date: 29 Dec 2023

# CONSTRUCTION EQUIPMENT





#### **GRAPHS**

