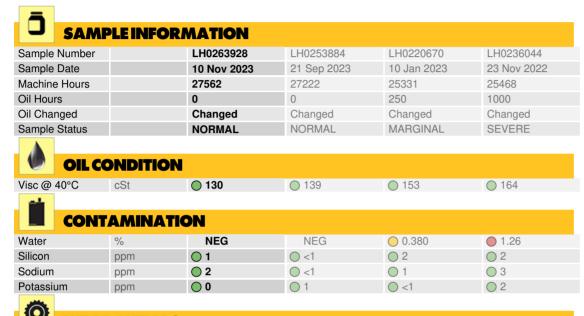
## LIEBHERR

## **CONSTRUCTION EQUIPMENT**

## **LIEBHERR A934C 061188-1419 - Swing Drive**

Sample No: LH0263928

Oil Type: GEAR OIL SAE 80W90



WEA	R METALS				
Iron	ppm	<b>91</b>	O 145	<b>258</b>	
Copper	ppm	<b>57</b>	<b>59</b>	<b>40</b>	O 76
Lead	ppm	<b>0</b>	0	O <1	O <1
Tin	ppm	<b>2</b>	<b>3</b>	O 2	02
Aluminum	ppm	<b>0</b>	O <1	O <1	O <1
Chromium	ppm	<b>0</b> <1	O <1	<b>3</b>	<b>6</b>
Molybdenum	ppm	<b>()</b> <1	<1	<b>3</b>	O 2
Nickel	ppm	<b>0</b>	O <1	O <1	O 1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<b>()</b> <1	1	<b>3</b>	<b>4</b>
Vanadium	ppm	<1	0	0	0

Vanadium	ppm	<1	0	0	0				
ADI									
ADDITIVES									
Calcium	ppm	<b>19</b>	40	O 44	○ 35				
Magnesium	ppm	<b>4</b>	15	<b>14</b>	<b>10</b>				
Zinc	ppm	<b>11</b>	25	<b>30</b>	<b>3</b> 1				
Phosphorus	ppm	<b>896</b>	980	<b>859</b>	957				
Barium	ppm	<b>0</b>	0	O 0	O 0				
Boron	ppm	<b>4</b>	3	<b>9</b>	O 12				





#### **NORTHERN METAL RECYCLING**

2800 PACIFIC ST N MINNEAPOLIS, MN US 55411

Contact: CHRIS GILMER chris.gilmer@emrgroup.com

T: (612)305-7338

F:

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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: NORMINLH
Unique No: 10844588
Signed: Wes Davis
Report Date: 23 Jan 2024

Report Id: NORMINLH [WUSCAR] 06067911 (Generated: 01/23/2024 15:44:01) Rev: 1

# LIEBHERR







### **GRAPHS**

