

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30 114399-1253 - Swing Drive

Sample No: LH0191005

Oil Type: LIEBHERR HYPOID 85W-140 EP



#### SAMPLE INFORMATION

Sample Number	LH0191005	---	---	---
Sample Date	05 Aug 2021	---	---	---
Machine Hours	2002	---	---	---
Oil Hours	1546	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**SIMS METAL MANAGEMENT**  
 3220 DEEPWATER TERMINAL RD  
 RICHMOND, VA  
 US 23234  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	186	---	---	---
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T: (703)392-0111  
 F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	0	---	---	---

#### 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.



#### WEAR METALS

Iron	ppm	168	---	---	---
Copper	ppm	21	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	40	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	34	---	---	---
Phosphorus	ppm	1842	---	---	---
Barium	ppm	6	---	---	---
Boron	ppm	27	---	---	---

Depot: SIMRCLH  
 Unique No: 9633913  
 Signed: Jonathan Hester  
 Report Date: 26 Aug 2021



### GRAPHS

