

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60C T12560-1528 - Right Final Drive

Sample No: LH0225016

Oil Type: GEAR OIL SAE 75W90



**EMSCO**  
 1810 INDUSTRIAL DR  
 REGINA, SK  
 CA S4K 0A6  
 Contact: Service Manager  
 ctweddle@emsco.ca  
 T:  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0225016	LH0221881	---	---
Sample Date	28 May 2023	04 Mar 2022	---	---
Machine Hours	12473	9151	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	127	94.0	---	---
-------------	-----	-----	------	-----	-----



#### CONTAMINATION

Silicon	ppm	105	158	---	---
Sodium	ppm	6	10	---	---
Potassium	ppm	7	6	---	---



#### WEAR METALS

Iron	ppm	402	338	---	---
Copper	ppm	7	11	---	---
Lead	ppm	2	3	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	42	61	---	---
Chromium	ppm	6	5	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	5	2	---	---
Titanium	ppm	2	3	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	10	10	---	---
Vanadium	ppm	<1	<1	---	---



#### ADDITIVES

Calcium	ppm	126	153	---	---
Magnesium	ppm	31	39	---	---
Zinc	ppm	22	20	---	---
Phosphorus	ppm	1402	1619	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	217	274	---	---

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: EMSREG  
 Unique No: 5619964  
 Signed: Kevin Marson  
 Report Date: 10 Aug 2023



### GRAPHS

