

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(336347)] LIEBHERR LH30C126039-1526 - Right Final Drive

Sample No: LH0188346

Oil Type: 49 NORTH SS 75W90



#### SAMPLE INFORMATION

Sample Number	LH0188346	LH0188337	LH0188328	LH0188301
Sample Date	24 Nov 2023	25 May 2023	14 Oct 2022	08 Apr 2022
Machine Hours	500	1000	4000	3000
Oil Hours	0	0	1000	1000
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

**National Salvage Ltd.**  
 206-33 Street N  
 Lethbridge, AB  
 CA T1H 3Z5  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	86.4	88.6	88.5	92.3
		●	●	●	●

T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	● 42	● 167	● 23	● 25
Sodium	ppm	● 3	● 6	● 2	● 2
Potassium	ppm	● 2	● 10	● 2	● 3

#### 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

PQ		---	● 51	---	---
Iron	ppm	● 198	● 453	● 60	● 71
Copper	ppm	● 1	● 3	● <1	● <1
Lead	ppm	● 1	● 3	● <1	● <1
Tin	ppm	● 0	● <1	● 0	● <1
Aluminum	ppm	● 8	● 42	● 6	● 5
Chromium	ppm	● 2	● 6	● 1	● 1
Molybdenum	ppm	● 2	<1	● 0	0
Nickel	ppm	● 1	● 2	<1	<1
Titanium	ppm	0	2	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	● 2	6	<1	1
Vanadium	ppm	0	<1	0	0



#### ADDITIVES

Calcium	ppm	● 16	46	● 12	16
Magnesium	ppm	● 4	14	● 2	2
Zinc	ppm	● 22	35	● 20	9
Phosphorus	ppm	● 910	1109	● 1031	1228
Barium	ppm	● <1	1	● 1	2
Boron	ppm	● 54	71	● 98	98

**Depot:** NATLET  
**Unique No:** 5684835  
**Signed:** Wes Davis  
**Report Date:** 30 Nov 2023



### GRAPHS

