

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(354194)] LIEBHERR LH40C132159-1527 - Right Final Drive

Sample No: LH0209425

Oil Type: 49 NORTH SS 75W90



#### SAMPLE INFORMATION

Sample Number	LH0209425	LH0209416	LH0209407	LH0209398
Sample Date	09 Feb 2024	19 Jul 2023	27 Jan 2023	12 Jul 2022
Machine Hours	500	1000	1000	1000
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



#### OIL CONDITION

Visc @ 40°C	cSt	86.5	88.6	91.0	98.0

T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	7	10	38
Sodium	ppm	<1	1	1	3
Potassium	ppm	1	1	1	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

Iron	ppm	25	30	38	110
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	2	8
Chromium	ppm	<1	<1	<1	2
Molybdenum	ppm	2	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	8	10	7	16
Magnesium	ppm	1	1	1	2
Zinc	ppm	5	10	9	12
Phosphorus	ppm	918	1087	1151	978
Barium	ppm	0	<1	<1	5
Boron	ppm	117	210	221	79

**Depot:** NATLET  
**Unique No:** 5724193  
**Signed:** Wes Davis  
**Report Date:** 13 Feb 2024



### GRAPHS

