

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0209424

Oil Type: 49 NORTH SS 75W90



#### SAMPLE INFORMATION

Sample Number	LH0209424	LH0209415	LH	LH0209406
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	N/A	N/A
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	85.3	88.2	90.3	94.3
-------------	-----	------	------	------	------

T:  
F:



#### CONTAMINATION

Water	%	0.036	NEG	NEG	NEG
Silicon	ppm	27	4	7	7
Sodium	ppm	<1	1	1	2
Potassium	ppm	2	1	1	2

#### 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.



#### WEAR METALS

Iron	ppm	56	23	31	38
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	5	<1	1	1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	2	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	2	<1	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	15	16	6	7
Magnesium	ppm	2	1	1	<1
Zinc	ppm	6	13	9	9
Phosphorus	ppm	916	1094	1141	953
Barium	ppm	<1	<1	2	3
Boron	ppm	116	212	227	85

Depot: NATLET  
 Unique No: 5724192  
 Signed: Kevin Marson  
 Report Date: 15 Feb 2024



### GRAPHS

