

LIEBHERR

CONSTRUCTION EQUIPMENT



[(336347)] LIEBHERR LH30C126039-1526 - Left Final Drive

Sample No: LH0188345

Oil Type: 49 NORTH SS 75W90



SAMPLE INFORMATION

Sample Number	LH0188345	LH0188336	LH0188327	LH0188300
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	87.1	88.9	87.3	91.5

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	105	4	4
Sodium	ppm	1	4	1	2
Potassium	ppm	2	8	<1	1

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	91	331	20	29
Copper	ppm	<1	2	0	<1
Lead	ppm	<1	2	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	5	30	<1	<1
Chromium	ppm	2	7	1	2
Molybdenum	ppm	2	<1	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	2	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	4	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	12	42	5	9
Magnesium	ppm	2	9	<1	<1
Zinc	ppm	18	39	24	9
Phosphorus	ppm	907	1127	1006	1156
Barium	ppm	<1	<1	<1	1
Boron	ppm	78	114	90	106

Depot: NATLET
Unique No: 5684836
Signed: Wes Davis
Report Date: 30 Nov 2023



GRAPHS

