

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 099527-1253 - Front Right Wheel Hub

Sample No: LH0250585

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0250585	LH0246876	LH0173459	LH
Sample Date	13 Sep 2023	08 Feb 2023	01 Sep 2021	12 Aug 2020
Machine Hours	11483	10338	7094	5031
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

West Coast Metal Recycling

5771 Production Way

Langley, BC

CA V3A 4N5

Contact: Terry .

terry@gotmetal.ca

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OIL CONDITION

Visc @ 40°C	cSt	99.8	98.3	103	101
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CONTAMINATION

Silicon	ppm	<1	1	2	<1
Sodium	ppm	4	4	4	<1
Potassium	ppm	1	0	1	<1



WEAR METALS

Iron	ppm	24	26	40	2
Copper	ppm	5	6	5	<1
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	39	39	77	25
Magnesium	ppm	2	2	2	2
Zinc	ppm	20	22	34	12
Phosphorus	ppm	1247	1361	1437	1309
Barium	ppm	<1	<1	<1	0
Boron	ppm	288	298	281	270

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.

Depot: WES577LAN

Unique No: 5645137

Signed: Wes Davis

Report Date: 20 Sep 2023



GRAPHS

