

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112545-1253 - Front Right Wheel Hub

Sample No: LH0291259

Oil Type: GEAR OIL SAE 75W90



Sample Information

Sample Number	LH0291259	LH0270123	LH0270122	LH0247489
Sample Date	06 May 2024	27 Sep 2023	27 Sep 2023	13 Dec 2022
Machine Hours	15168	1297	1297	10473
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GREEN METALS CANADA

224 BEARDS LANE
WOODSTOCK, ON
CA N4S 7W3

Contact: Jamie Depotie

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Oil Condition

Visc @ 40°C	cSt	104	103	103	101



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	<1	<1	1
Sodium	ppm	2	2	2	<1
Potassium	ppm	<1	0	0	0



Wear Metals

Iron	ppm	10	7	7	2
Copper	ppm	1	2	1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	16	15	21	20
Magnesium	ppm	2	1	1	2
Zinc	ppm	9	8	10	7
Phosphorus	ppm	1189	1216	1240	1309
Barium	ppm	<1	<1	<1	0
Boron	ppm	309	297	304	319

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: GRE224WOO

Unique No: 5775105

Signed: Wes Davis

Report Date: 07 May 2024



Graphs

