

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145461-1216 - Rear Right Wheel Hub

Sample No: LH0255636

Oil Type: GEAR OIL SAE 75W90



GENERAL RECYCLING INDUSTRIES LTD.
 4120 - 84 AVENUE NW
 EDMONTON, AB
 CA T6B 3H3
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Sample Information

Sample Number	LH0255636	LH0255624	LH0255612	---
Sample Date	21 Feb 2024	25 Nov 2023	26 Jun 2023	---
Machine Hours	3170	2400	1086	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	83.3	85.8	101	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	5	7	---
Sodium	ppm	<1	1	2	---
Potassium	ppm	<1	<1	<1	---



Wear Metals

Iron	ppm	7	13	15	---
Copper	ppm	41	57	48	---
Lead	ppm	<1	2	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	2	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	51	48	60	---
Magnesium	ppm	2	2	1	---
Zinc	ppm	66	66	45	---
Phosphorus	ppm	906	912	1354	---
Barium	ppm	0	<1	<1	---
Boron	ppm	129	131	259	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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: GEN156EDM
 Unique No: 5776505
 Signed: Wes Davis
 Report Date: 14 May 2024



Graphs

