

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145461-1216 - Front Right Wheel Hub

Sample No: LH0255634

Oil Type: SAE 75W90



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

Sample Number	LH0255634	LH0255622	LH0255610	---
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	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	76.4	85.8	108	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	2	7	---
Sodium	ppm	2	3	7	---
Potassium	ppm	<1	<1	2	---



Wear Metals

Iron	ppm	11	23	35	---
Copper	ppm	4	7	26	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	3	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	83	33	29	---
Magnesium	ppm	3	2	2	---
Zinc	ppm	93	42	39	---
Phosphorus	ppm	839	905	1475	---
Barium	ppm	0	<1	<1	---
Boron	ppm	97	104	173	---

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: GEN156EDM
 Unique No: 5776503
 Signed: Wes Davis
 Report Date: 14 May 2024



Graphs

