

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145461-1216 - Transmission (Manual)

Sample No: LH0255620

Oil Type: 49 NORTH TENEX 30 1713



GENERAL RECYCLING INDUSTRIES LTD.
 4120 - 84 AVENUE
 EDMONTON, AB
 CA T6B 3H3
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 T: (587)926-1610
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SAMPLE INFORMATION

Sample Number	LH0255620	LH0255608	---	---
Sample Date	25 Nov 2023	26 Jun 2023	---	---
Machine Hours	2400	1036	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 49.0	● 52.2	---	---
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CONTAMINATION

Water	%	● 0.030	NEG	---	---
Silicon	ppm	● 5	● 4	---	---
Sodium	ppm	● 6	● 23	---	---
Potassium	ppm	● 0	● 2	---	---



WEAR METALS

Iron	ppm	● 10	● 10	---	---
Copper	ppm	● 8	● 14	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	● 0	● <1	---	---
Aluminum	ppm	● 1	● 2	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	0	● <1	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	● <1	● 1	---	---
Manganese	ppm	4	● 8	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3325	● 3023	---	---
Magnesium	ppm	9	● 7	---	---
Zinc	ppm	998	● 980	---	---
Phosphorus	ppm	887	● 1010	---	---
Barium	ppm	<1	● <1	---	---
Boron	ppm	7	● 17	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: GEN156EDM
 Unique No: 5684958
 Signed: Wes Davis
 Report Date: 01 Dec 2023



GRAPHS

