

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145461-1216 - Front Differential

Sample No: LH0255614

Oil Type: 49 NORTH 75W90



GENERAL RECYCLING INDUSTRIES LTD.
 4120 - 84 AVENUE
 EDMONTON, AB
 CA T6B 3H3
 Contact: Corey MacKay
 cmackay@trailco.ca
 T: (587)926-1610
 F: (780)485-4294



SAMPLE INFORMATION

Sample Number	LH0255614	LH0255602	---	---
Sample Date	25 Nov 2023	26 Jun 2023	---	---
Machine Hours	2400	1086	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	86.5	98.9	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	5	9	---	---
Copper	ppm	34	34	---	---
Lead	ppm	2	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	45	13	---	---
Magnesium	ppm	2	<1	---	---
Zinc	ppm	58	23	---	---
Phosphorus	ppm	872	1307	---	---
Barium	ppm	<1	2	---	---
Boron	ppm	118	308	---	---

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: 5684966
 Signed: Wes Davis
 Report Date: 30 Nov 2023



GRAPHS

