

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 145461-1216 - Splitter Box

Sample No: LH0255618

Oil Type: GEAR OIL SAE 75W90



**GENERAL RECYCLING INDUSTRIES LTD.**  
 4120 - 84 AVENUE  
 EDMONTON, AB  
 CA T6B 3H3  
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 F: (780)485-4294



#### SAMPLE INFORMATION

Sample Number	LH0255618	LH0255606	---	---
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	84.7	90.1	---	---
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	13	11	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	50	42	---	---
Magnesium	ppm	6	3	---	---
Zinc	ppm	51	44	---	---
Phosphorus	ppm	941	1114	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	121	142	---	---

#### 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: 5684968  
 Signed: Wes Davis  
 Report Date: 30 Nov 2023



### GRAPHS

