

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [ELG] LIEBHERR A924C 036737-1049 - Swing Drive

Sample No: LH  
 Oil Type: {unknown}



**ELG Canada**  
 4375 CORPORATE DRIVE  
 BURLINGTON, ON  
 CA L7L 5P7  
 Contact: Service Manager

T:  
 F: (905)335-9687



#### SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	14 Mar 2024	---	---	---
Machine Hours	17745	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	76.7	---	---	---
-------------	-----	------	-----	-----	-----



#### CONTAMINATION

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



#### WEAR METALS

PQ		6	---	---	---
Iron	ppm	401	---	---	---
Copper	ppm	731	---	---	---
Lead	ppm	17	---	---	---
Tin	ppm	28	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	12	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	142	---	---	---
Phosphorus	ppm	1089	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	35	---	---	---

#### Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. Copper and tin ppm levels are severe. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: STR437BUR  
 Unique No: 5747571  
 Signed: Kevin Marson  
 Report Date: 17 Mar 2024

Submitted By: Eric Leblond



### GRAPHS

