

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A944 079419 - Swing Drive

Sample No: LH0292282

Oil Type: GEAR OIL SAE 75W90



#### Liebherr Canada

140 - 21320 Gordon Way  
 Richmond, BC  
 CA V6W 1J8  
 Contact: Kevin Steer  
 kevin.steer@liebherr.com  
 T:  
 F: (604)270-3254



#### Sample Information

Sample Number	LH0292282	---	---	---
Sample Date	11 Jul 2024	---	---	---
Machine Hours	16752	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### Oil Condition

Visc @ 40°C	cSt	● 101	---	---	---
-------------	-----	-------	-----	-----	-----



#### Contamination

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



#### Wear Metals

Iron	ppm	● 570	---	---	---
Copper	ppm	● 104	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	● 43	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 100	---	---	---
Phosphorus	ppm	● 1406	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 20	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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: LIERIC  
 Unique No: 5813436  
 Signed: Wes Davis  
 Report Date: 15 Jul 2024



### Graphs

