

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A924C056977-1049 - Rear Differential

Sample No: LH06132474  
 Oil Type: GEAR OIL SAE 90



**RECO EQUIPMENT INC.**  
 1615 JP HENESSY DRIVE  
 LAVERGNE, TN  
 US 37086  
 Contact: KEN FISCHER

T: (615)610-7326  
 F:

#### 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.



#### Sample Information

Sample Number	LH06132474	LHMC79123	LH03107867	---
Sample Date	21 Mar 2024	05 Oct 2016	18 Jul 2012	---
Machine Hours	16385	10210	2162	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



#### Oil Condition

Visc @ 40°C	cSt	122	109.6	162.9	---
-------------	-----	-----	-------	-------	-----



#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	8	6	5	---
Sodium	ppm	3	3	<1	---
Potassium	ppm	3	<1	<1	---



#### Wear Metals

Iron	ppm	86	18	11	---
Copper	ppm	2	2	2	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	2	2	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	2	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	<1	1	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	31	52	162	---
Magnesium	ppm	3	1	<1	---
Zinc	ppm	27	32	82	---
Phosphorus	ppm	528	1218	2115	---
Barium	ppm	0	<1	6	---
Boron	ppm	35	146	1	---

Depot: RECLAV  
 Unique No: 10951939  
 Signed: Wes Davis  
 Report Date: 01 Apr 2024



### Graphs

