

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(354956)] LIEBHERR A922 128674-1509 - Rear Differential

Sample No: LH0274090

Oil Type: GEAR OIL SAE 75W90



#### SAMPLE INFORMATION

Sample Number	<b>LH0274090</b>	LH0238913	LH0225482	LH0215548
Sample Date	<b>01 Sep 2023</b>	20 Jan 2023	20 May 2022	17 Dec 2021
Machine Hours	<b>2993</b>	2095	1163	602
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	N/A	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**Transec Common Inc.**  
2075 Boul. Fortin  
Laval, QC  
CA H7S 1P4  
Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	<b>179</b>	177	182	184
-------------	-----	------------	-----	-----	-----

T:  
F:



#### CONTAMINATION

Silicon	ppm	<b>2</b>	2	6	6
Sodium	ppm	<b>2</b>	4	6	6
Potassium	ppm	<b>&lt;1</b>	0	2	<1

#### 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.



#### WEAR METALS

Iron	ppm	<b>35</b>	52	94	86
Copper	ppm	<b>5</b>	5	8	8
Lead	ppm	<b>0</b>	<1	<1	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	1	1
Chromium	ppm	<b>&lt;1</b>	<1	1	<1
Molybdenum	ppm	<b>0</b>	0	<1	0
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	2	4	4
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>5</b>	5	9	8
Magnesium	ppm	<b>&lt;1</b>	<1	2	2
Zinc	ppm	<b>7</b>	9	21	19
Phosphorus	ppm	<b>2413</b>	2413	1253	1180
Barium	ppm	<b>3</b>	34	322	331
Boron	ppm	<b>2</b>	4	2	2

**Depot:** TRA207LAV  
**Unique No:** 5644708  
**Signed:** Wes Davis  
**Report Date:** 19 Sep 2023



### GRAPHS

