

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(354956)] LIEBHERR A922 128674-1509 - Swing Drive

Sample No: LH0274092

Oil Type: GEAR OIL SAE 75W90



#### SAMPLE INFORMATION

Sample Number	LH0274092	LH0238914	LH0225474	LH0215555
Sample Date	01 Sep 2023	20 Jan 2023	20 May 2022	17 Dec 2021
Machine Hours	2993	2095	1163	602
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



#### OIL CONDITION

Visc @ 40°C	cSt	178	179	186	134
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T:  
F:



#### CONTAMINATION

Silicon	ppm	<1	<1	<1	<1
Sodium	ppm	4	2	5	2
Potassium	ppm	1	<1	<1	<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	101	39	73	43
Copper	ppm	14	10	22	8
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	2	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	9	18	81	40
Magnesium	ppm	1	<1	2	2
Zinc	ppm	17	18	21	13
Phosphorus	ppm	2334	2453	2275	1754
Barium	ppm	<1	1	6	3
Boron	ppm	7	6	6	168

Depot: TRA207LAV  
Unique No: 5644710  
Signed: Wes Davis  
Report Date: 19 Sep 2023



### GRAPHS

