

LIEBHERR

CONSTRUCTION EQUIPMENT



[(354956)] LIEBHERR A922 128674-1509 - Rear Left Wheel H

Sample No: LH0274100

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0274100	LH0238917	LH0225479	LH0215553
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	Not Changd	Not Changd
Sample Status	NORMAL	SEVERE	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	178	187	183	186
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T:
F:



CONTAMINATION

Silicon	ppm	2	9	5	7
Sodium	ppm	3	9	6	6
Potassium	ppm	<1	3	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

PQ		---	3588	---	---
Iron	ppm	37	711	58	100
Copper	ppm	5	74	5	8
Lead	ppm	0	3	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	26	<1	2
Chromium	ppm	<1	25	<1	1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	4	<1	<1
Titanium	ppm	0	2	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	12	3	4
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	5	7	7	8
Magnesium	ppm	<1	3	<1	2
Zinc	ppm	7	45	19	22
Phosphorus	ppm	2369	2179	1166	1178
Barium	ppm	3	52	330	339
Boron	ppm	1	1	2	2

Depot: TRA207LAV
 Unique No: 5644716
 Signed: Wes Davis
 Report Date: 19 Sep 2023



GRAPHS

