

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0274097

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0274097	LH0238918	LH0225483	LH0215552
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	179	177	183	183
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T:
F:



CONTAMINATION

Silicon	ppm	2	2	7	7
Sodium	ppm	2	4	6	6
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	35	56	103	97
Copper	ppm	5	5	8	8
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	2	1
Chromium	ppm	<1	<1	1	1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	2	5	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4	5	15	8
Magnesium	ppm	<1	0	2	2
Zinc	ppm	6	9	24	20
Phosphorus	ppm	2389	2357	1186	1204
Barium	ppm	3	33	338	341
Boron	ppm	2	3	2	3

Depot: TRA207LAV
Unique No: 5644713
Signed: Wes Davis
Report Date: 19 Sep 2023



GRAPHS

