



CONSTRUCTION EQUIPMENT

SWA329567-10 VOLVO L220H 2824 - TRANSMISSION (AUTO)



Sample No: VCP424083
Oil Type: VOLVO AT 102
Job No: SWA329567-10



SAMPLE INFORMATION

Sample Number	VCP424083	VCP396054	VCP367694	VCP374158
Sample Date	19 Aug 2023	16 May 2023	15 Nov 2022	19 Jun 2022
Machine Hours	12965	12185	11024	9587
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	SEVERE	ABNORMAL	ABNORMAL	NORMAL

CALLANAN
 RT 32 677 FLATBUSH RD
 EAST KINGSTON, NY
 US 12401
 Contact:



OIL CONDITION

Visc @ 40°C	cSt	26.0	25.8	26.51	26.3
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T:
F:



CONTAMINATION

Silicon	ppm	5	2	4	5
Sodium	ppm	0	3	0	5
Potassium	ppm	1	0	1	10

Diagnosis

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	348	289	267	126
Copper	ppm	13	9	9	5
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	6	4	4	3
Chromium	ppm	3	3	2	2
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	6	5	4	3
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	106	104	106	76
Magnesium	ppm	3	1	2	<1
Zinc	ppm	25	16	20	11
Phosphorus	ppm	159	169	166	174
Barium	ppm	0	0	0	0
Boron	ppm	65	60	56	42

Depot: CALEAS
Unique No: 10617711
Signed: Jonathan Hester
Report Date: 25 Aug 2023

VOLVO GRAPHS

