



CONSTRUCTION EQUIPMENT

578187 VOLVO L220H 3197 - TRANSMISSION (AUTO)



Sample No: VCP430330
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 578187



SAMPLE INFORMATION

Sample Number	VCP430330	VCP409972	VCP359863	VCP336124
Sample Date	20 Jun 2024	28 Mar 2023	20 Jun 2022	03 Sep 2021
Machine Hours	9053	6366	4933	3905
Oil Hours	0	0	0	0
Oil Changed	Not Changd	N/A	Not Changd	Not Changd
Sample Status	SEVERE	ABNORMAL	ABNORMAL	NORMAL

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

OIL CONDITION

Visc @ 40°C	cSt	25.9	26.6	26.6	27.2
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T:
F:

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	8	4	3
Sodium	ppm	5	2	2	1
Potassium	ppm	3	<1	0	<1

Diagnosis

We recommend that you drain the fluid from the component if this has not already been done. 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 fluid is no longer serviceable as a result of the abnormal and/or severe wear.

WEAR METALS

Iron	ppm	316	200	97	57
Copper	ppm	10	8	5	4
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	3	2	2	0
Chromium	ppm	2	2	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	6	4	3	2
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	125	81	77	81
Magnesium	ppm	2	0	0	4
Zinc	ppm	25	5	8	6
Phosphorus	ppm	185	191	153	187
Barium	ppm	0	0	0	<1
Boron	ppm	48	59	76	84

Depot: CALEAS
Unique No: 11096879
Signed: Sean Felton
Report Date: 26 Jun 2024



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VOLVO GRAPHS

