



CONSTRUCTION EQUIPMENT

SPM566531 VOLVO L220H 2822 - TRANSMISSION (AUTO)



Sample No: VCP415748
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM566531



SAMPLE INFORMATION

Sample Number	VCP415748	VCP391327	VCP386451	VCP376550
Sample Date	30 Jun 2023	20 Feb 2023	17 Oct 2022	21 Jul 2022
Machine Hours	10936	10007	9644	9117
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Not Changd	N/A
Sample Status	NORMAL	NORMAL	SEVERE	ATTENTION

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
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OIL CONDITION

Visc @ 40°C	cSt	28.3	28.9	25.2	39.0
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CONTAMINATION

Silicon	ppm	12	9	8	6
Sodium	ppm	4	3	2	6
Potassium	ppm	3	0	2	0



WEAR METALS

Iron	ppm	68	29	298	9
Copper	ppm	6	2	7	4
Lead	ppm	<1	0	0	2
Tin	ppm	<1	0	<1	0
Aluminum	ppm	1	<1	6	2
Chromium	ppm	<1	0	2	2
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	5	4	6	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	74	64	1732
Magnesium	ppm	0	4	1	12
Zinc	ppm	0	17	16	869
Phosphorus	ppm	192	177	180	712
Barium	ppm	3	0	2	0
Boron	ppm	88	98	72	28

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLV00142
Unique No: 10547486
Signed: Wes Davis
Report Date: 07 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

