



CONSTRUCTION EQUIPMENT

X21402 CRH VOLVO L220H 2821 - TRANSMISSION (AUTO)



Sample No: VCP410540
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: X21402 CRH



SAMPLE INFORMATION

Sample Number	VCP410540	VCP405849	VCP404677	VCP426830
Sample Date	30 Oct 2023	21 Sep 2023	19 Jul 2023	15 May 2023
Machine Hours	9286	9058	8643	8210
Oil Hours	0	1000	0	2000
Oil Changed	N/A	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HOUSBY HEAVY EQUIPMENT

PO BOX 1846
 CEDAR RAPIDS, IA
 US 52406

Contact: KEN MAIER
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OIL CONDITION

Visc @ 40°C	cSt	28.3	28.4	28.4	25.5
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CONTAMINATION

Silicon	ppm	2	3	2	3
Sodium	ppm	<1	<1	<1	2
Potassium	ppm	2	<1	0	1



WEAR METALS

Iron	ppm	62	57	50	126
Copper	ppm	2	3	1	5
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	2
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	0	1	1	4
Nickel	ppm	0	0	0	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	94	91	96	125
Magnesium	ppm	6	6	6	23
Zinc	ppm	18	14	6	36
Phosphorus	ppm	207	197	213	189
Barium	ppm	0	0	0	0
Boron	ppm	105	96	103	58

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: VOLVO0074
Unique No: 10725365
Signed: Wes Davis
Report Date: 03 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

