



CONSTRUCTION EQUIPMENT

567478 MOSAIC VOLVO L110H 12152 - TRANSMISSION (AUTO)



Sample No: VCP415592
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 567478 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP415592	VCP394456	VCP374164	VCP335453
Sample Date	27 Jun 2023	09 Mar 2023	17 Jun 2022	01 Mar 2022
Machine Hours	5254	4719	3496	2979
Oil Hours	1000	0	1000	979
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	31.0	28.4	25.8	25.6
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CONTAMINATION

Silicon	ppm	3	4	8	8
Sodium	ppm	1	2	2	3
Potassium	ppm	0	3	2	3



WEAR METALS

Iron	ppm	20	17	66	64
Copper	ppm	2	2	9	9
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	7	4	11	9
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	5	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	85	79	93	90
Magnesium	ppm	2	4	2	2
Zinc	ppm	<1	0	20	13
Phosphorus	ppm	197	188	158	160
Barium	ppm	0	0	7	0
Boron	ppm	98	76	64	55

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: VOLVO0093
Unique No: 10574699
Signed: Wes Davis
Report Date: 27 Jul 2023



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VOLVO GRAPHS

