



CONSTRUCTION EQUIPMENT

W14863 VOLVO L110H 631654 - TRANSMISSION (AUTO)



Sample No: VCP441472
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W14863



SAMPLE INFORMATION

Sample Number	VCP441472	VCP398346	VCP295086	VCP333330
Sample Date	25 Oct 2023	12 Dec 2022	24 May 2022	11 Jan 2022
Machine Hours	6983	6493	6013	5519
Oil Hours	0	500	2000	500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.8	28.8	27.6	29.0
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CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	13	20	41	37
Copper	ppm	2	2	4	4
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	3	4	8	6
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	2	5	6	6
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	96	120	140	154
Magnesium	ppm	28	18	25	24
Zinc	ppm	20	35	51	51
Phosphorus	ppm	208	207	198	202
Barium	ppm	0	0	0	0
Boron	ppm	82	91	89	74

Depot: VOLVO0080
Unique No: 10723133
Signed: Wes Davis
Report Date: 01 Nov 2023



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VOLVO GRAPHS

