



CONSTRUCTION EQUIPMENT

W14529 VOLVO L110H 632072 - TRANSMISSION (AUTO)



Sample No: VCP404669
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W14529



SAMPLE INFORMATION

Sample Number	VCP404669	VCP426786	VCP382885	VCP384233
Sample Date	07 Aug 2023	02 May 2023	10 Feb 2023	08 Nov 2022
Machine Hours	4539	4013	3531	3030
Oil Hours	500	2000	500	1000
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.4	27.3	27.4	27.4
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CONTAMINATION

Silicon	ppm	5	8	9	8
Sodium	ppm	0	3	<1	3
Potassium	ppm	<1	<1	2	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	17	56	55	46
Copper	ppm	4	12	13	11
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	4	3	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	4	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	77	76	90	78
Magnesium	ppm	2	1	4	2
Zinc	ppm	5	0	13	<1
Phosphorus	ppm	206	187	193	185
Barium	ppm	0	0	0	<1
Boron	ppm	95	72	75	71

Depot: VOLVO0080
Unique No: 10604547
Signed: Wes Davis
Report Date: 15 Aug 2023



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VOLVO GRAPHS

