



CONSTRUCTION EQUIPMENT

225208 CRC WM VOLVO L120H 632191 - TRANSMISSION (AUTO)



Sample No: VCP424196
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 225208 CRC WM



SAMPLE INFORMATION

Sample Number	VCP424196	VCP370552	VCP363793	VCP220404
Sample Date	07 Sep 2023	13 Jan 2023	11 Oct 2022	22 Sep 2021
Machine Hours	17291	16571	16520	14382
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.7	26.8	27.1	27.9
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CONTAMINATION

Silicon	ppm	6	7	6	3
Sodium	ppm	2	3	0	0
Potassium	ppm	0	0	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	62	64	60	19
Copper	ppm	4	4	4	2
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	11	10	10	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	2	2	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	254	215	228	79
Magnesium	ppm	33	23	21	1
Zinc	ppm	109	108	95	0
Phosphorus	ppm	263	284	248	203
Barium	ppm	0	12	0	0
Boron	ppm	78	81	73	95

Depot: VOLVO1271
Unique No: 10649045
Signed: Jonathan Hester
Report Date: 20 Sep 2023



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VOLVO GRAPHS

