



CONSTRUCTION EQUIPMENT

225209 CRC WM VOLVO L120H 632093 - TRANSMISSION (AUTO)



Sample No: VCP424204
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 225209 CRC WM



SAMPLE INFORMATION

Sample Number	VCP424204	VCP403242	VCP363786	VCP304504
Sample Date	07 Sep 2023	01 Aug 2023	11 Oct 2022	18 Apr 2022
Machine Hours	18922	18768	16539	15363
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.8	27.3	29.2	26.6
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CONTAMINATION

Silicon	ppm	2	5	3	4
Sodium	ppm	0	0	0	2
Potassium	ppm	0	1	2	2

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	10	28	27	44
Copper	ppm	2	5	2	5
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	3	6	3	5
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	83	69	74	70
Magnesium	ppm	1	0	1	0
Zinc	ppm	0	5	4	4
Phosphorus	ppm	197	191	198	189
Barium	ppm	0	0	0	0
Boron	ppm	99	87	84	78

Depot: VOLVO1271
Unique No: 10649046
Signed: Wes Davis
Report Date: 18 Sep 2023



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GRAPHS

