



CONSTRUCTION EQUIPMENT

742439 VOLVO A30G 742439 - TRANSMISSION (AUTO)



Sample No: VCP422634
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 742439



SAMPLE INFORMATION

Sample Number	VCP422634	VCP402023	VCP376891	VCP348437
Sample Date	06 Aug 2023	14 May 2023	30 Aug 2022	04 Feb 2022
Machine Hours	0	0	5058	4895
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Not Changd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

VCES- VOLVO CONSTRUCTION EQUIPMENT
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OIL CONDITION

Visc @ 40°C	cSt	29.1	28.3	28.3	28.3
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CONTAMINATION

Silicon	ppm	2	▲ 20	3	4
Sodium	ppm	<1	4	<1	3
Potassium	ppm	0	4	0	1

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	2	24	7	17
Copper	ppm	0	50	6	9
Lead	ppm	0	0	0	<1
Tin	ppm	0	5	1	2
Aluminum	ppm	0	▲ 13	4	7
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	8	<1	1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	4	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	114	84	78	77
Magnesium	ppm	0	4	<1	2
Zinc	ppm	4	11	7	0
Phosphorus	ppm	215	192	193	186
Barium	ppm	0	0	0	0
Boron	ppm	110	76	105	94

Depot: VOLVO4486
Unique No: 10588912
Signed: Jonathan Hester
Report Date: 08 Aug 2023



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GRAPHS

