



CONSTRUCTION EQUIPMENT

VOLVO A25G 740250 - TRANSMISSION (AUTO)



Sample No: VCP434380
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP434380	VCP412160	VCP343856	VCP289736
Sample Date	08 Nov 2023	28 Aug 2023	25 Oct 2021	20 Oct 2020
Machine Hours	5775	5525	3871	3413
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	27.4	27.6	26.8	26.8
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CONTAMINATION

Silicon	ppm	5	5	5	8
Sodium	ppm	6	5	6	5
Potassium	ppm	1	<1	2	0



WEAR METALS

Iron	ppm	36	32	32	26
Copper	ppm	16	16	17	13
Lead	ppm	0	0	<1	2
Tin	ppm	1	2	3	0
Aluminum	ppm	12	12	14	10
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	2	2	3	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	79	89	110	111
Magnesium	ppm	1	4	5	3
Zinc	ppm	9	0	12	10
Phosphorus	ppm	195	194	181	179
Barium	ppm	0	0	0	0
Boron	ppm	78	88	66	72

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.

Depot: VOLVO0090
Unique No: 10741051
Signed: Sean Felton
Report Date: 16 Nov 2023



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GRAPHS

