



CONSTRUCTION EQUIPMENT

VOLVO A45G 325973 (S/N 352973) - TRANSMISSION (AUTO)



Sample No: VCP454876
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP454876	VCP442562	VCP433868	VCP427496
Sample Date	25 Jun 2024	07 Mar 2024	08 Nov 2023	24 Aug 2023
Machine Hours	4536	4034	3521	3044
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.8	27.9	27.7	27.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	6	5	6
Sodium	ppm	3	4	4	2
Potassium	ppm	6	0	<1	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	14	38	28	26
Copper	ppm	18	18	12	11
Lead	ppm	<1	0	0	0
Tin	ppm	2	2	1	2
Aluminum	ppm	3	13	9	9
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	2	2	2	2
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	68	103	85	105
Magnesium	ppm	2	0	4	4
Zinc	ppm	5	0	5	15
Phosphorus	ppm	166	178	181	194
Barium	ppm	<1	0	0	0
Boron	ppm	93	68	73	89

Depot: SAIBIR
Unique No: 11114168
Signed: Jonathan Hester
Report Date: 10 Jul 2024



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VOLVO GRAPHS

