



CONSTRUCTION EQUIPMENT

SWO-067073 VOLVO A45G 352702 - TRANSMISSION (AUTO)



Sample No: VCP431908
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SWO-067073



SAMPLE INFORMATION

Sample Number	VCP431908	VCP427492	VCP05853626	VCP393530
Sample Date	07 Nov 2023	15 Aug 2023	18 May 2023	20 Dec 2022
Machine Hours	3950	3389	2923	2406
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	27.8	28.3	28.7	28.8
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CONTAMINATION

Silicon	ppm	8	8	6	5
Sodium	ppm	5	1	4	2
Potassium	ppm	2	3	3	2



WEAR METALS

Iron	ppm	30	28	15	9
Copper	ppm	33	26	14	9
Lead	ppm	<1	<1	0	0
Tin	ppm	4	3	2	<1
Aluminum	ppm	13	9	5	3
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	5	4	2	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	66	72	77	68
Magnesium	ppm	<1	2	1	2
Zinc	ppm	0	5	0	2
Phosphorus	ppm	184	183	194	182
Barium	ppm	0	0	0	0
Boron	ppm	78	91	86	83

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.

Depot: SAIBIR
Unique No: 10739789
Signed: Jonathan Hester
Report Date: 15 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

