



CONSTRUCTION EQUIPMENT

SWO-064854 VOLVO A45G 352702 - TRANSMISSION (AUTO)



Sample No: VCP427492
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SWO-064854



SAMPLE INFORMATION

Sample Number	VCP427492	VCP05853626	VCP393530	VCP391151
Sample Date	15 Aug 2023	18 May 2023	20 Dec 2022	23 Sep 2022
Machine Hours	3389	2923	2406	1971
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.3	28.7	28.8	29.4
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CONTAMINATION

Silicon	ppm	8	6	5	13
Sodium	ppm	1	4	2	6
Potassium	ppm	3	3	2	2



WEAR METALS

Iron	ppm	28	15	9	24
Copper	ppm	26	14	9	27
Lead	ppm	<1	0	0	<1
Tin	ppm	3	2	<1	2
Aluminum	ppm	9	5	3	8
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	4	2	<1	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	<1	4
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	72	77	68	69
Magnesium	ppm	2	1	2	0
Zinc	ppm	5	0	2	0
Phosphorus	ppm	183	194	182	176
Barium	ppm	0	0	0	0
Boron	ppm	91	86	83	67

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: 10617706
Signed: Sean Felton
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

