



CONSTRUCTION EQUIPMENT

SWO-066005 VOLVO A40G 341023 - TRANSMISSION (AUTO)



Sample No: VCP431102
Oil Type: DEXRON III
Job No: SWO-066005



SAMPLE INFORMATION

Sample Number	VCP431102	VCP408971	VCP396171	VCP369336
Sample Date	20 Sep 2023	13 Jun 2023	07 Mar 2023	03 Nov 2022
Machine Hours	8472	7952	7404	6919
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	28.4	28.7	30.0	28.3
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CONTAMINATION

Silicon	ppm	3	2	2	3
Sodium	ppm	1	0	<1	2
Potassium	ppm	2	1	0	0



WEAR METALS

Iron	ppm	5	6	3	8
Copper	ppm	2	2	<1	3
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	3	2	2	4
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	78	69	64	71
Magnesium	ppm	2	<1	0	<1
Zinc	ppm	5	4	0	0
Phosphorus	ppm	185	192	181	209
Barium	ppm	0	2	0	0
Boron	ppm	95	98	86	92

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: 10661428
Signed: Don Baldrige
Report Date: 26 Sep 2023



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GRAPHS

