



CONSTRUCTION EQUIPMENT

SWO-065619 VOLVO A45G 353092 - TRANSMISSION (AUTO)



Sample No: VCP428969
Oil Type: DEXRON III
Job No: SWO-065619



SAMPLE INFORMATION

Sample Number	VCP428969	VCP407572	VCP394002	VCP389587
Sample Date	19 Sep 2023	09 Jun 2023	23 Feb 2023	26 Oct 2022
Machine Hours	2012	1497	1000	571
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	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	27.8	35.1	28.0	28.2
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CONTAMINATION

Silicon	ppm	18	16	20	18
Sodium	ppm	3	4	4	<1
Potassium	ppm	5	5	4	0



WEAR METALS

Iron	ppm	40	33	28	15
Copper	ppm	33	24	22	13
Lead	ppm	<1	0	0	0
Tin	ppm	4	3	2	<1
Aluminum	ppm	26	19	12	5
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	4	4	2	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	4	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	99	74	76	71
Magnesium	ppm	5	<1	7	<1
Zinc	ppm	17	0	27	4
Phosphorus	ppm	187	198	180	187
Barium	ppm	0	0	0	0
Boron	ppm	69	80	78	87

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: 10661417
Signed: Don Baldrige
Report Date: 26 Sep 2023



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GRAPHS

