



CONSTRUCTION EQUIPMENT

SWO-065063 VOLVO A45G 352734 - TRANSMISSION (AUTO)



Sample No: VCP427322
Oil Type: DEXRON III
Job No: SWO-065063



SAMPLE INFORMATION

Sample Number	VCP427322	VCP290238	VCP382597	VCP380793
Sample Date	21 Aug 2023	17 Jul 2023	27 Apr 2023	17 Jan 2023
Machine Hours	3997	3875	3463	2987
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

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	29.0	28.5	28.6	29.3
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CONTAMINATION

Water	%	---	---	---	0.462
Silicon	ppm	7	3	3	7
Sodium	ppm	3	5	0	7
Potassium	ppm	3	<1	2	3



WEAR METALS

Iron	ppm	8	79	64	99
Copper	ppm	4	52	44	63
Lead	ppm	0	0	0	0
Tin	ppm	0	4	3	5
Aluminum	ppm	4	4	1	7
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	8	6	8
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	1	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	76	105	82	79
Magnesium	ppm	4	3	4	6
Zinc	ppm	2	205	177	85
Phosphorus	ppm	186	182	162	190
Barium	ppm	0	0	0	<1
Boron	ppm	100	29	43	65

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10622911
Signed: Don Baldrige
Report Date: 30 Aug 2023

VOLVO GRAPHS

