



CONSTRUCTION EQUIPMENT

SWO-065063 VOLVO A45G 352734 - BOGIE/CENTER AXLE



Sample No: VCP427324
Oil Type: NOT GIVEN
Job No: SWO-065063



SAMPLE INFORMATION

Sample Number	VCP427324	VCP382596	VCP380790	VCP390115
Sample Date	21 Aug 2023	27 Apr 2023	17 Jan 2023	12 Oct 2022
Machine Hours	3997	3463	2987	2471
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
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	57.0	48.6	48.8	48.9
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CONTAMINATION

Silicon	ppm	3	4	2	3
Sodium	ppm	2	0	1	1
Potassium	ppm	2	4	3	1



WEAR METALS

Iron	ppm	258	291	120	215
Copper	ppm	3	3	2	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	<1	<1
Chromium	ppm	3	3	1	3
Molybdenum	ppm	4	6	4	6
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	8	8	6	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	131	148	123	137
Magnesium	ppm	4	1	2	2
Zinc	ppm	60	72	65	65
Phosphorus	ppm	2448	2310	2280	2337
Barium	ppm	0	0	<1	0
Boron	ppm	242	242	227	238

Diagnosis

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

Depot: SAIBIR
Unique No: 10622846
Signed: Don Baldrige
Report Date: 30 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

