



CONSTRUCTION EQUIPMENT

SWO 064668 VOLVO A45G 352639 - BOGIE/CENTER AXLE



Sample No: VCP416396
Oil Type: NOT GIVEN
Job No: SWO 064668



SAMPLE INFORMATION

Sample Number	VCP416396	VCP410033	VCP395236	VCP368324
Sample Date	07 Aug 2023	12 May 2023	17 Feb 2023	08 Nov 2022
Machine Hours	4377	3923	3418	2948
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	N/A
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	287	49.8	49.7	49.8
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CONTAMINATION

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



WEAR METALS

Iron	ppm	17	131	150	160
Copper	ppm	<1	3	3	2
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	2	2	2
Molybdenum	ppm	2	3	4	3
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	6	7	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	90	110	107	112
Magnesium	ppm	18	<1	1	0
Zinc	ppm	61	59	58	11
Phosphorus	ppm	1065	2306	2267	2233
Barium	ppm	2	0	0	0
Boron	ppm	212	235	259	226

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: 10603720

Signed: Sean Felton

Report Date: 15 Aug 2023



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GRAPHS

