



CONSTRUCTION EQUIPMENT

VOLVO A60H 350190 - BOGIE/CENTER AXLE



Sample No: VCP433955
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP433955	VCP395353	VCP388387	VCP391138
Sample Date	05 Sep 2023	05 May 2023	19 Jan 2023	28 Sep 2022
Machine Hours	2618	2128	1651	1183
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	N/A
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	48.5	49.4	48.9	49.1
-------------	-----	-------------	------	------	------



CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	94	99	68	84
Copper	ppm	0	<1	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	2	2	1	1
Molybdenum	ppm	1	2	2	3
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	5	5	3	5
Vanadium	ppm	0	0	0	2



ADDITIVES

Calcium	ppm	296	291	276	290
Magnesium	ppm	2	1	1	0
Zinc	ppm	128	131	135	113
Phosphorus	ppm	2350	2407	2253	2492
Barium	ppm	0	0	0	0
Boron	ppm	297	275	274	303

Depot: SAIBIR
Unique No: 10643549
Signed: Sean Felton
Report Date: 13 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

