



CONSTRUCTION EQUIPMENT

SW068081 VOLVO A30G 752673 - FRONT AXLE



Sample No: VCP433313
Oil Type: GEAR OIL SAE 80W90
Job No: SW068081



SAMPLE INFORMATION

Sample Number	VCP433313	VCP435432	VCP424296	VCP367321
Sample Date	06 Dec 2023	27 Sep 2023	23 Jun 2023	02 Dec 2022
Machine Hours	1983	1495	987	490
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	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	85.8	86.1	87.1	88.1



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	6	4	5
Sodium	ppm	1	3	0	1
Potassium	ppm	0	3	3	<1



WEAR METALS

Iron	ppm	258	204	256	264
Copper	ppm	20	20	16	13
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	1	<1	<1
Aluminum	ppm	0	0	0	4
Chromium	ppm	5	5	5	6
Molybdenum	ppm	19	29	17	18
Nickel	ppm	2	2	2	3
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	11	15	11	12
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	770	871	795	791
Magnesium	ppm	0	1	2	3
Zinc	ppm	289	376	331	289
Phosphorus	ppm	1365	1598	1339	1285
Barium	ppm	0	2	2	0
Boron	ppm	193	184	188	173

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10780755
Signed: Don Baldrige
Report Date: 14 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

