



CONSTRUCTION EQUIPMENT

SW0467659 VOLVO A30G 752677 - FRONT AXLE



Sample No: VCP435657
Oil Type: GEAR OIL SAE 80W90
Job No: SWO467659



SAMPLE INFORMATION

Sample Number	VCP435657	VCP433857	VCP424731	VCP369495
Sample Date	16 Nov 2023	18 Sep 2023	23 Jun 2023	18 Nov 2022
Machine Hours	2403	1919	2405	915
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	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	133	86.5	87.5	87.7
-------------	-----	-----	------	------	------

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	7	5	4
Sodium	ppm	2	2	0	<1
Potassium	ppm	6	<1	2	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	273	467	279	278
Copper	ppm	9	32	29	27
Lead	ppm	0	0	0	0
Tin	ppm	0	1	1	<1
Aluminum	ppm	1	1	0	<1
Chromium	ppm	5	8	5	5
Molybdenum	ppm	11	26	17	17
Nickel	ppm	2	4	3	3
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	8	17	11	10
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	1317	878	851	866
Magnesium	ppm	28	3	2	2
Zinc	ppm	593	359	370	366
Phosphorus	ppm	1104	1366	1278	1275
Barium	ppm	0	0	1	1
Boron	ppm	130	243	250	223

Depot: SAIBIR
Unique No: 10754632
Signed: Jonathan Hester
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

