



CONSTRUCTION EQUIPMENT

SWO-066005 VOLVO A40G 341023 - REAR AXLE



Sample No: VCP431106
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-066005



SAMPLE INFORMATION

Sample Number	VCP431106	VCP424678	VCP368383	VCP369475
Sample Date	20 Sep 2023	13 Jun 2023	07 Mar 2023	03 Nov 2022
Machine Hours	8472	7952	7404	6919
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	316	324	321	325
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	12	3	2	2
Sodium	ppm	<1	0	0	0
Potassium	ppm	1	<1	0	0



WEAR METALS

Iron	ppm	6	16	12	2
Copper	ppm	<1	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	0	<1	0
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	4	2	2	2
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	106	97	64	55
Magnesium	ppm	26	20	14	13
Zinc	ppm	80	60	39	20
Phosphorus	ppm	1376	1355	908	837
Barium	ppm	0	2	0	0
Boron	ppm	261	243	151	148

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: 10661385
Signed: Don Baldrige
Report Date: 26 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

