



CONSTRUCTION EQUIPMENT

SWO-066190 VOLVO A60H 340039 - BOGIE/CENTER AXLE



Sample No: VCP428977
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-066190



SAMPLE INFORMATION

Sample Number	VCP428977	VCP412574	VCP366096	VCP366693
Sample Date	27 Sep 2023	20 Jun 2023	29 Nov 2022	15 Aug 2022
Machine Hours	8052	7542	7061	6529
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	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	271	270	271	269
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CONTAMINATION

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



WEAR METALS

Iron	ppm	31	39	17	14
Copper	ppm	<1	0	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	2	2	2	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	76	86	74	79
Magnesium	ppm	11	15	11	12
Zinc	ppm	27	45	43	47
Phosphorus	ppm	916	1017	844	895
Barium	ppm	0	0	0	<1
Boron	ppm	145	182	145	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: 10673231
Signed: Don Baldrige
Report Date: 04 Oct 2023



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GRAPHS

