



CONSTRUCTION EQUIPMENT

SWO-067232 VOLVO A60H 350067 - FRONT AXLE



Sample No: VCP431960
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-067232



SAMPLE INFORMATION

Sample Number	VCP431960	VCP404953	VCP408073	VCP387912
Sample Date	03 Nov 2023	12 Jul 2023	31 Mar 2023	09 Nov 2022
Machine Hours	6403	5889	5382	4893
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	290	287	290	289
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	9	2	4	17
Sodium	ppm	0	0	0	0
Potassium	ppm	0	1	<1	0



WEAR METALS

Iron	ppm	38	39	32	46
Copper	ppm	0	2	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	3
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	6	3	3	3
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	113	120	113	99
Magnesium	ppm	28	19	22	20
Zinc	ppm	64	71	70	22
Phosphorus	ppm	895	1009	998	881
Barium	ppm	0	0	0	0
Boron	ppm	179	176	181	164

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10735614
Signed: Sean Felton
Report Date: 10 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

