



CONSTRUCTION EQUIPMENT

VOLVO A60H 340099 - BOGIE/CENTER AXLE



Sample No: VCP429497
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP429497	VCP431666	VCP416651	VCP410481
Sample Date	23 Jan 2024	11 Oct 2023	18 Jul 2023	27 Mar 2023
Machine Hours	8489	7982	7491	7019
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
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	252	249	252	104
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	2
Sodium	ppm	2	2	0	2
Potassium	ppm	1	0	0	2

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	17	15	17	66
Copper	ppm	0	<1	0	1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	0	<1	1
Molybdenum	ppm	3	4	5	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	119	121	153	328
Magnesium	ppm	30	42	36	10
Zinc	ppm	70	63	86	175
Phosphorus	ppm	861	939	1112	1088
Barium	ppm	<1	0	0	0
Boron	ppm	170	168	218	163

Depot: SAIBIR
Unique No: 10848641
Signed: Sean Felton
Report Date: 30 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

