



CONSTRUCTION EQUIPMENT

SWO-067874 VOLVO A60 340104 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP435557
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-067874



SAMPLE INFORMATION

Sample Number	VCP435557	VCP427325	VCP403627	VCP390129
Sample Date	30 Nov 2023	24 Aug 2023	17 Apr 2023	08 Nov 2022
Machine Hours	9185	8689	8086	7528
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
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	292	293	228	229



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	2	1
Sodium	ppm	2	0	0	0
Potassium	ppm	0	<1	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	16	15	38	27
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	2	3	2	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	4
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	58	85	61	75
Magnesium	ppm	25	24	18	21
Zinc	ppm	52	64	23	52
Phosphorus	ppm	994	998	808	997
Barium	ppm	0	0	0	0
Boron	ppm	194	194	141	167

Depot: SAIBIR
Unique No: 10776617
Signed: Don Baldrige
Report Date: 08 Dec 2023



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GRAPHS

