



CONSTRUCTION EQUIPMENT

SWO-064940 VOLVO A60 340104 - DROP BOX



Sample No: VCP426204
Oil Type: GEAR OIL SAE 90W140
Job No: SWO-064940



SAMPLE INFORMATION

Sample Number	VCP426204	VCP403626	VCP364034	VCP364252
Sample Date	24 Aug 2023	17 Apr 2023	08 Nov 2022	25 Aug 2022
Machine Hours	8689	8086	7528	6996
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	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	353	349	348
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	10	18	8	8
Sodium	ppm	0	<1	0	0
Potassium	ppm	<1	0	2	1

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	107	173	77	60
Copper	ppm	1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	7	▲ 20	8	8
Chromium	ppm	2	3	<1	1
Molybdenum	ppm	2	<1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	2	0
Manganese	ppm	1	3	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	58	10	12	9
Magnesium	ppm	22	0	4	4
Zinc	ppm	44	0	7	4
Phosphorus	ppm	1005	1198	997	970
Barium	ppm	0	0	0	<1
Boron	ppm	188	231	182	197

Depot: SAIBIR
Unique No: 10630545
Signed: Don Baldrige
Report Date: 05 Sep 2023

VOLVO GRAPHS

