



CONSTRUCTION EQUIPMENT

SWO-064940 VOLVO A60 340104 - FRONT LEFT FINAL DRIVE



Sample No: VCP427230
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-064940



SAMPLE INFORMATION

Sample Number	VCP427230	VCP403948	VCP390128	VCP365839
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	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	289	223	226	225
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CONTAMINATION

Silicon	ppm	3	2	1	2
Sodium	ppm	0	0	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	16	60	30	28
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	3	3	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	2	0
Manganese	ppm	<1	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	88	104	95	88
Magnesium	ppm	25	20	24	23
Zinc	ppm	65	49	62	58
Phosphorus	ppm	997	1137	1015	1006
Barium	ppm	0	0	0	<1
Boron	ppm	191	195	167	179

Depot: SAIBIR
Unique No: 10630565
Signed: Don Baldrige
Report Date: 05 Sep 2023



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GRAPHS

