



CONSTRUCTION EQUIPMENT

SWO-066958 VOLVO A60 340124 - FRONT LEFT FINAL DRIVE



Sample No: VCP431514
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-066958



SAMPLE INFORMATION

Sample Number	VCP431514	VCP423805	VCP402391	VCP363535
Sample Date	06 Nov 2023	15 Jun 2023	04 Mar 2023	26 Oct 2022
Machine Hours	8770	2220	7828	7297
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	ABNORMAL	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	291	291	205	206
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CONTAMINATION

Silicon	ppm	4	3	3	2
Sodium	ppm	0	0	<1	0
Potassium	ppm	0	<1	0	0

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	24	24	39	40
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	2	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	66	82	136	135
Magnesium	ppm	24	24	23	24
Zinc	ppm	55	64	67	80
Phosphorus	ppm	991	1067	1080	1156
Barium	ppm	0	2	0	0
Boron	ppm	196	201	165	190

Depot: SAIBIR
Unique No: 10735597
Signed: Sean Felton
Report Date: 10 Nov 2023



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GRAPHS

