



CONSTRUCTION EQUIPMENT

SWO-071488 VOLVO A60 340124 - REAR AXLE



Sample No: VCP450904
Oil Type: {unknown}
Job No: SWO-071488



SAMPLE INFORMATION

Sample Number	VCP450904	VCP431511	VCP423811	VCP401139
Sample Date	25 Apr 2024	06 Nov 2023	15 Jun 2023	04 Mar 2023
Machine Hours	9238	8770	2220	7828
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	283	282	275	172
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	6	5
Sodium	ppm	2	2	<1	7
Potassium	ppm	0	1	1	<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	15	24	46
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	2	2	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	500	464	687	2324
Magnesium	ppm	23	24	35	29
Zinc	ppm	241	221	347	955
Phosphorus	ppm	1058	1034	1466	984
Barium	ppm	0	<1	3	0
Boron	ppm	150	173	232	50

Depot: SAIBIR
Unique No: 11005572
Signed: Jonathan Hester
Report Date: 03 May 2024

VOLVO GRAPHS

