



CONSTRUCTION EQUIPMENT

SWO-067654 VOLVO A45G 352708 - REAR AXLE



Sample No: VCP431077
Oil Type: NOT GIVEN
Job No: SWO-067654



SAMPLE INFORMATION

Sample Number	VCP431077	VCP433242	VCP405239	VCP402470
Sample Date	20 Nov 2023	11 Sep 2023	06 Jul 2023	24 Mar 2023
Machine Hours	4925	4418	3920	3429
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ATTENTION	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	282	282	50.0	49.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	5	3	4
Sodium	ppm	<1	<1	2	2
Potassium	ppm	<1	<1	3	6



WEAR METALS

Iron	ppm	35	26	130	229
Copper	ppm	0	0	4	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	1	<1
Chromium	ppm	0	<1	2	3
Molybdenum	ppm	5	4	6	7
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	6	9
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	87	112	156	121
Magnesium	ppm	20	26	<1	5
Zinc	ppm	68	77	58	47
Phosphorus	ppm	1056	1141	2444	2505
Barium	ppm	0	0	0	0
Boron	ppm	181	196	225	238

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

Depot: SAIBIR
Unique No: 10755963
Signed: Sean Felton
Report Date: 28 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

