



CONSTRUCTION EQUIPMENT

VOLVO A45G 352134 - BRAKE



Sample No: VCP431054

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP431054	VCP431974	VCP417946	VCP414103
Sample Date	22 Nov 2023	26 Sep 2023	31 Jul 2023	31 May 2023
Machine Hours	8724	8228	7719	7234
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
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	48.3	46.9	48.2	47.2
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	20	23	19
Sodium	ppm	2	3	<1	3
Potassium	ppm	<1	0	1	0

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	77	91	86	62
Copper	ppm	115	165	181	169
Lead	ppm	0	1	<1	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	4	7	7	6
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	3	5	6	5
Nickel	ppm	3	4	4	4
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2654	2549	2759	2799
Magnesium	ppm	76	34	33	34
Zinc	ppm	1253	1205	1193	1217
Phosphorus	ppm	1043	1042	1079	1061
Barium	ppm	0	0	0	0
Boron	ppm	73	82	101	75

Depot: SAIBIR

Unique No: 10766326

Signed: Don Baldrige

Report Date: 04 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

