



CONSTRUCTION EQUIPMENT

VOLVO A45G 352071 - BRAKE



Sample No: VCP413180

Oil Type: Brake

Job No:



SAMPLE INFORMATION

Sample Number	VCP413180	VCP382589	VCP397971	VCP364223
Sample Date	12 Jul 2023	12 Apr 2023	09 Dec 2022	30 Aug 2022
Machine Hours	6523	6049	5545	4971
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	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	43.9	43.9	43.8	43.0
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	16	16	15	16
Sodium	ppm	4	4	2	1
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	22	19	20	17
Copper	ppm	125	120	116	115
Lead	ppm	0	<1	<1	1
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	0	1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	4	4	3	3
Nickel	ppm	5	5	5	5
Titanium	ppm	0	<1	0	0
Silver	ppm	0	2	0	0
Manganese	ppm	<1	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3396	3210	3380	3109
Magnesium	ppm	23	26	22	13
Zinc	ppm	1504	1401	1473	1340
Phosphorus	ppm	1291	1156	1211	1129
Barium	ppm	0	0	0	0
Boron	ppm	110	91	100	110

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 fluid. The condition of the fluid is acceptable for the time in service.

Depot: SAIBIR

Unique No: 10574633

Signed: Sean Felton

Report Date: 28 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

