



CONSTRUCTION EQUIPMENT

SWO-067654 VOLVO A45G 352708 - FRONT AXLE



Sample No: VCP431064
Oil Type: NOT GIVEN
Job No: SWO-067654



SAMPLE INFORMATION

Sample Number	VCP431064	VCP431109	VCP424316	VCP402471
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	283	284	49.9	49.4
-------------	-----	------------	-----	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	6	6	6
Sodium	ppm	<1	<1	2	2
Potassium	ppm	0	0	4	6



WEAR METALS

Iron	ppm	56	54	378	408
Copper	ppm	<1	0	2	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	2	<1
Chromium	ppm	<1	<1	5	6
Molybdenum	ppm	6	5	16	17
Nickel	ppm	0	<1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	1	<1	0
Manganese	ppm	1	2	12	12
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	90	102	84	89
Magnesium	ppm	19	29	0	5
Zinc	ppm	70	73	38	36
Phosphorus	ppm	1076	1205	2480	2495
Barium	ppm	0	0	0	0
Boron	ppm	180	209	208	207

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: 10755968
Signed: Sean Felton
Report Date: 28 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

