



CONSTRUCTION EQUIPMENT

SWO-067654 VOLVO A45G 352708 - BOGIE/CENTER AXLE



Sample No: VCP431062
Oil Type: NOT GIVEN
Job No: SWO-067654



SAMPLE INFORMATION

Sample Number	VCP431062	VCP428985	VCP404725	VCP402466
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
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OIL CONDITION

Visc @ 40°C	cSt	282	280	48.8	48.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	5	4
Sodium	ppm	<1	<1	2	2
Potassium	ppm	0	0	3	6



WEAR METALS

Iron	ppm	41	34	206	241
Copper	ppm	0	0	2	2
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	<1	2	<1
Chromium	ppm	<1	<1	2	3
Molybdenum	ppm	5	4	10	11
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	10	10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	85	97	85	86
Magnesium	ppm	20	26	<1	5
Zinc	ppm	67	68	36	33
Phosphorus	ppm	1064	1143	2515	2492
Barium	ppm	0	0	0	0
Boron	ppm	177	193	209	211

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: 10755969
Signed: Sean Felton
Report Date: 28 Nov 2023



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GRAPHS

