



CONSTRUCTION EQUIPMENT

VOLVO A45G 352973 - FRONT AXLE



Sample No: VCP431972

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP431972	VCP427432	VCP405907	VCP405250
Sample Date	08 Nov 2023	24 Aug 2023	06 Jun 2023	21 Mar 2023
Machine Hours	3521	3044	2472	2001
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	50.7	50.8	50.9	50.8
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CONTAMINATION

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



WEAR METALS

Iron	ppm	297	327	325	125
Copper	ppm	3	1	0	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	4	4	5	2
Molybdenum	ppm	6	9	9	6
Nickel	ppm	<1	<1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	9	9	9	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	148	123	127	127
Magnesium	ppm	1	0	0	1
Zinc	ppm	65	58	46	58
Phosphorus	ppm	2294	2244	2528	2440
Barium	ppm	0	0	0	0
Boron	ppm	193	217	224	251

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: 10750864

Signed: Angela Borella

Report Date: 21 Nov 2023



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GRAPHS

