



CONSTRUCTION EQUIPMENT

SWO-065619 VOLVO A45G 353092 - BOGIE/CENTER AXLE



Sample No: VCP431095
Oil Type: NOT GIVEN
Job No: SWO-065619



SAMPLE INFORMATION

Sample Number	VCP431095	VCP407502	VCP395499	VCP381322
Sample Date	19 Sep 2023	09 Jun 2023	23 Feb 2023	26 Oct 2022
Machine Hours	2012	1497	1000	571
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	50.4	50.3	53.3	50.6
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CONTAMINATION

Silicon	ppm	4	4	4	2
Sodium	ppm	2	2	3	0
Potassium	ppm	3	1	2	0



WEAR METALS

Iron	ppm	181	246	204	153
Copper	ppm	3	3	3	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	2	4	3	2
Molybdenum	ppm	12	18	18	18
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	6	8	7	7
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	137	140	145	132
Magnesium	ppm	<1	0	1	<1
Zinc	ppm	66	60	71	58
Phosphorus	ppm	2308	2543	2402	2352
Barium	ppm	0	0	0	0
Boron	ppm	229	276	284	313

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: 10661339
Signed: Don Baldrige
Report Date: 26 Sep 2023



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GRAPHS

