



CONSTRUCTION EQUIPMENT

SWO-065667 VOLVO A45G 352708 - BOGIE/CENTER AXLE



Sample No: VCP428985
Oil Type: NOT GIVEN
Job No: SWO-065667



SAMPLE INFORMATION

Sample Number	VCP428985	VCP404725	VCP402466	VCP369288
Sample Date	11 Sep 2023	06 Jul 2023	24 Mar 2023	08 Nov 2022
Machine Hours	4418	3920	3429	2956
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	▲ 280	■ 48.8	■ 48.4	■ 50.5
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CONTAMINATION

Silicon	ppm	■ 5	■ 5	■ 4	■ 3
Sodium	ppm	■ <1	■ 2	■ 2	■ 1
Potassium	ppm	■ 0	■ 3	■ 6	■ <1



WEAR METALS

Iron	ppm	■ 34	■ 206	■ 241	■ 163
Copper	ppm	■ 0	■ 2	■ 2	■ 2
Lead	ppm	■ 0	■ 0	■ 0	■ <1
Tin	ppm	■ <1	■ 0	■ 0	■ 0
Aluminum	ppm	■ <1	■ 2	■ <1	■ <1
Chromium	ppm	■ <1	■ 2	■ 3	■ 2
Molybdenum	ppm	4	10	11	7
Nickel	ppm	■ <1	■ <1	■ <1	■ <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	10	10	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	97	85	86	82
Magnesium	ppm	26	<1	5	0
Zinc	ppm	68	36	33	1
Phosphorus	ppm	1143	2515	2492	2278
Barium	ppm	0	0	0	0
Boron	ppm	193	209	211	222

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 oil viscosity is higher than normal.

Depot: SAIBIR
Unique No: 10647702
Signed: Don Baldrige
Report Date: 19 Sep 2023



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VOLVO GRAPHS

