



CONSTRUCTION EQUIPMENT

SWA307696-10 VOLVO A40G 342584 - BOGIE/CENTER AXLE



Sample No: VCP419155
Oil Type: VOLVO WB 102
Job No: SWA307696-10



SAMPLE INFORMATION

Sample Number	VCP419155	VCP346901	VCP322964	VCP319277
Sample Date	19 Aug 2023	17 Mar 2022	17 Dec 2021	03 Sep 2021
Machine Hours	8359	5285	4805	4228
Oil Hours	0	1000	500	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

THALLE INDUSTRIES

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OIL CONDITION

Visc @ 40°C	cSt	48.0	55.0	53.0	146
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CONTAMINATION

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



WEAR METALS

Iron	ppm	28	15	8	75
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	0	0	0
Chromium	ppm	<1	0	<1	1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	6	<1	<1
Manganese	ppm	1	<1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	10	44	131	5
Magnesium	ppm	0	<1	<1	0
Zinc	ppm	0	17	31	0
Phosphorus	ppm	2453	2477	2343	1040
Barium	ppm	0	0	0	0
Boron	ppm	327	302	296	201

Diagnosis

Resample at the next service interval to monitor. 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: THAFIS
Unique No: 10617661
Signed: Jonathan Hester
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

