



CONSTRUCTION EQUIPMENT

SWA307696-10 VOLVO A40G 342584 - FRONT AXLE



Sample No: VCP418946
Oil Type: VOLVO WB 102
Job No: SWA307696-10



SAMPLE INFORMATION

Sample Number	VCP418946	VCP346879	VCP328193	VCP319276
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	ABNORMAL	NORMAL

THALLE INDUSTRIES

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OIL CONDITION

Visc @ 40°C	cSt	53.5	54.7	53.0	146
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CONTAMINATION

Silicon	ppm	2	5	2	0
Sodium	ppm	1	0	2	0
Potassium	ppm	<1	1	0	0



WEAR METALS

Iron	ppm	46	28	5	51
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	0	0	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	14	100	63	38
Magnesium	ppm	0	0	0	0
Zinc	ppm	0	35	13	14
Phosphorus	ppm	2479	2802	2321	889
Barium	ppm	0	0	0	0
Boron	ppm	334	346	297	168

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: 10617665
Signed: Jonathan Hester
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

