



CONSTRUCTION EQUIPMENT

SWO-066958 VOLVO A60 340124 - TANK BRAKE



Sample No: VCP431061
Oil Type: NOT GIVEN
Job No: SWO-066958



SAMPLE INFORMATION

Sample Number	VCP431061	VCP423803	VCP402390	VCP363569
Sample Date	06 Nov 2023	15 Jun 2023	04 Mar 2023	26 Oct 2022
Machine Hours	8770	2220	7828	7297
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	46.8	47.7	44.0	43.1
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CONTAMINATION

Silicon	ppm	16	16	16	15
Sodium	ppm	4	1	7	5
Potassium	ppm	0	2	<1	0



WEAR METALS

Iron	ppm	34	33	47	45
Copper	ppm	109	102	155	158
Lead	ppm	0	<1	3	2
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	1	1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	3	5	<1	<1
Nickel	ppm	2	2	3	3
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	<1	1
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3268	3492	3416	3443
Magnesium	ppm	39	37	19	21
Zinc	ppm	1312	1366	1310	1290
Phosphorus	ppm	1057	1181	1119	1078
Barium	ppm	0	2	0	0
Boron	ppm	108	111	101	114

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 fluid. The condition of the fluid is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10735609
Signed: Sean Felton
Report Date: 10 Nov 2023



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GRAPHS

