



CONSTRUCTION EQUIPMENT

VOLVO A40G 342 I 12 - BRAKE COOLING SYSTEM



Sample No: VCP0007901
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007901	VCP405351	VCP0006342	VCP259543
Sample Date	29 Mar 2024	03 Apr 2023	07 Feb 2023	02 Dec 2019
Machine Hours	7550	7555	7550	3705
Oil Hours	7550	0	0	0
Oil Changed	N/A	Not Chngd	N/A	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: SHAWN NORTHCRAFT
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OIL CONDITION

Visc @ 40°C	cSt	50.9	41.7	41.7	40.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	14	15	17
Sodium	ppm	3	5	5	4
Potassium	ppm	0	1	0	0

Diagnosis

Resample at the next service interval to monitor. 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.



WEAR METALS

Iron	ppm	25	22	23	21
Copper	ppm	102	263	249	290
Lead	ppm	0	<1	3	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	<1	<1	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	1	1	0
Nickel	ppm	<1	3	3	5
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3767	3557	3483	3474
Magnesium	ppm	10	16	18	6
Zinc	ppm	1530	1499	1389	1448
Phosphorus	ppm	1287	1232	1081	1128
Barium	ppm	0	0	0	0
Boron	ppm	120	128	121	99

Depot: VOLVO0092
Unique No: 10962595
Signed: Sean Felton
Report Date: 05 Apr 2024



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VOLVO GRAPHS

