



CONSTRUCTION EQUIPMENT

701295 PRIMORIS VOLVO A40G 352509 - TRANSMISSION (AUTO)



Sample No: VCP445511
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 701295 PRIMORIS



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SAMPLE INFORMATION

Sample Number	VCP445511	VCP440789	VCP425815	VCP424480
Sample Date	12 Apr 2024	16 Nov 2023	13 Jul 2023	25 Apr 2023
Machine Hours	6123	5500	4873	4282
Oil Hours	2000	1500	500	2000
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	28.0	28.1	28.6	27.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	6	5	10
Sodium	ppm	5	0	3	4
Potassium	ppm	0	2	0	4



WEAR METALS

Iron	ppm	32	24	18	43
Copper	ppm	27	23	17	52
Lead	ppm	0	0	0	0
Tin	ppm	5	4	2	8
Aluminum	ppm	17	10	8	26
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	2	<1	0	<1
Nickel	ppm	3	3	2	8
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	74	74	70	85
Magnesium	ppm	<1	2	<1	2
Zinc	ppm	<1	0	0	7
Phosphorus	ppm	207	163	188	171
Barium	ppm	0	0	0	0
Boron	ppm	96	92	92	68

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 suitable for further service.

Depot: VOLVO0093
Unique No: 11047599
Signed: Sean Felton
Report Date: 29 May 2024



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VOLVO GRAPHS

