



CONSTRUCTION EQUIPMENT

607508 PRIMERIS VOLVO A40G 352491 - TRANSMISSION (AUTO)



Sample No: VCP414732
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 607508 PRIMERIS



SAMPLE INFORMATION

Sample Number	VCP414732	VCP393594	VCP392937	VCP364300
Sample Date	22 Sep 2023	25 Apr 2023	06 Dec 2022	15 Aug 2022
Machine Hours	4299	3617	3132	2635
Oil Hours	2000	1000	1000	500
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.4	27.9	28.1	26.6
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CONTAMINATION

Silicon	ppm	5	5	5	13
Sodium	ppm	0	<1	4	7
Potassium	ppm	3	3	<1	6



WEAR METALS

Iron	ppm	22	28	24	56
Copper	ppm	25	40	35	91
Lead	ppm	<1	0	0	<1
Tin	ppm	3	4	3	10
Aluminum	ppm	6	12	9	22
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	4	6	4	15
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	81	79	101
Magnesium	ppm	1	2	0	2
Zinc	ppm	0	4	5	11
Phosphorus	ppm	186	180	188	176
Barium	ppm	0	0	<1	0
Boron	ppm	92	80	86	55

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.

Depot: VOLVO0093
Unique No: 10709685
Signed: Wes Davis
Report Date: 24 Oct 2023



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VOLVO GRAPHS

