



CONSTRUCTION EQUIPMENT

286697 PASCO EXC VOLVO A30G 742628 - TRANSMISSION (AUTO)



Sample No: VCP422137
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 286697 PASCO EXC



SAMPLE INFORMATION

Sample Number	VCP422137	VCP393555	VCP389371	VCP350182
Sample Date	21 Jun 2023	06 Mar 2023	11 Oct 2022	04 Mar 2022
Machine Hours	5336	4805	8403	3322
Oil Hours	1000	805	2000	1000
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	29.8	26.3	28.36	28.0
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CONTAMINATION

Silicon	ppm	3	4	6	6
Sodium	ppm	4	3	6	4
Potassium	ppm	<1	4	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	10	11	22	19
Copper	ppm	10	8	28	24
Lead	ppm	0	0	0	0
Tin	ppm	2	2	6	5
Aluminum	ppm	12	8	24	15
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	4	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	85	82	97	97
Magnesium	ppm	<1	4	<1	<1
Zinc	ppm	0	0	0	<1
Phosphorus	ppm	213	202	219	211
Barium	ppm	0	0	0	0
Boron	ppm	97	85	79	91

Depot: VOLVO0093
Unique No: 10566051
Signed: Wes Davis
Report Date: 24 Jul 2023



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GRAPHS

