



CONSTRUCTION EQUIPMENT

619874 DIPRO VOLVO A40G 353052 - TRANSMISSION (AUTO)



Sample No: VCP431702
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 619874 DIPRO



SAMPLE INFORMATION

Sample Number	VCP431702	VCP414169	VCP399473	VCP403664
Sample Date	25 Oct 2023	11 Jul 2023	20 Mar 2023	05 Jan 2023
Machine Hours	6429	5162	3963	3166
Oil Hours	2000	1000	2000	1166
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
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OIL CONDITION

Visc @ 40°C	cSt	28.6	28.9	28.7	28.8
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CONTAMINATION

Silicon	ppm	4	4	9	7
Sodium	ppm	3	2	3	2
Potassium	ppm	2	1	<1	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	14	10	14	13
Copper	ppm	10	9	14	10
Lead	ppm	0	0	0	0
Tin	ppm	2	2	2	2
Aluminum	ppm	7	6	11	7
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	2	2	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	93	69	76	73
Magnesium	ppm	1	1	<1	0
Zinc	ppm	12	3	7	0
Phosphorus	ppm	189	188	233	189
Barium	ppm	0	2	0	0
Boron	ppm	93	87	92	90

Depot: VOLVO2990
Unique No: 10735700
Signed: Wes Davis
Report Date: 09 Nov 2023



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VOLVO GRAPHS

