



CONSTRUCTION EQUIPMENT

660308 MOSAIC VOLVO A45G 342286 - TRANSMISSION (AUTO)



Sample No: VCP432012
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 660308 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP432012	VCP428863	VCP426339	VCP420077
Sample Date	16 Jan 2024	16 Jan 2024	29 Sep 2023	05 Jun 2023
Machine Hours	3868	3868	7665	7102
Oil Hours	3868	1600	1000	1100
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: JOHN FARDELLA
 john.fardella@altg.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	28.1	27.6	27.5	27.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	3	4	3
Sodium	ppm	<1	4	0	3
Potassium	ppm	2	<1	2	<1

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	18	24	28	25
Copper	ppm	7	15	19	15
Lead	ppm	0	0	<1	0
Tin	ppm	2	3	3	2
Aluminum	ppm	10	13	13	14
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	0	<1	0
Nickel	ppm	<1	2	3	2
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	69	78	77	74
Magnesium	ppm	2	0	1	0
Zinc	ppm	0	0	0	0
Phosphorus	ppm	227	190	181	185
Barium	ppm	10	0	0	0
Boron	ppm	77	83	91	81

Depot: VOLVO0093
Unique No: 10886698
Signed: Don Baldrige
Report Date: 21 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

