



CONSTRUCTION EQUIPMENT

546761 WM VOLVO L90H 624438 - TRANSMISSION (AUTO)



Sample No: VCP451500
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 546761 WM



SAMPLE INFORMATION

Sample Number	VCP451500	VCP439288	VCP431532	VCP431653
Sample Date	26 Apr 2024	26 Jan 2024	15 Dec 2023	27 Oct 2023
Machine Hours	13898	13382	12918	12363
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	27.5	27.6	27.6	27.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	3	3
Sodium	ppm	4	<1	3	4
Potassium	ppm	3	2	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	29	21	26	21
Copper	ppm	6	6	5	5
Lead	ppm	1	0	0	0
Tin	ppm	1	0	0	0
Aluminum	ppm	<1	2	0	0
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	1	<1	<1	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	<1	<1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	69	73	55	64
Magnesium	ppm	2	2	0	0
Zinc	ppm	16	3	0	15
Phosphorus	ppm	193	164	147	151
Barium	ppm	0	0	0	0
Boron	ppm	83	78	85	89

Depot: VOLVO0096
Unique No: 11019080
Signed: Sean Felton
Report Date: 10 May 2024



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VOLVO GRAPHS

