



CONSTRUCTION EQUIPMENT

634484 ALTA RENTS VOLVO L70H 623714 - TRANSMISSION (AUTO)



Sample No: VCP430597
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 634484 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP430597	VCP412621	VCP408210	VCP351639
Sample Date	21 Nov 2023	16 Aug 2023	29 Mar 2023	18 Apr 2022
Machine Hours	3717	3333	2744	1915
Oil Hours	0	0	0	1500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	ATTENTION	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	29.2	29.4	29.7	28.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	8	8	6
Sodium	ppm	5	5	4	<1
Potassium	ppm	2	<1	1	2

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	100	95	83	47
Copper	ppm	211	208	▲ 200	4
Lead	ppm	0	1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	2	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	2	3	<1
Nickel	ppm	2	<1	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	10	10	10	8
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	433	423	451	108
Magnesium	ppm	21	19	25	3
Zinc	ppm	178	160	190	25
Phosphorus	ppm	296	284	303	199
Barium	ppm	0	0	2	0
Boron	ppm	56	69	63	92

Depot: VOLVO0096
Unique No: 10765363
Signed: Don Baldrige
Report Date: 03 Dec 2023



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VOLVO GRAPHS

