



CONSTRUCTION EQUIPMENT

594615 APTIM VOLVO A30G 740273 - TRANSMISSION (AUTO)



Sample No: VCP417110
Oil Type: VOLVO AT 102
Job No: 594615 APTIM



SAMPLE INFORMATION

Sample Number	VCP417110	VCP423511	VCP364337	---
Sample Date	22 Aug 2023	29 Mar 2023	01 Sep 2022	---
Machine Hours	11091	10657	10152	---
Oil Hours	1000	1500	2000	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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



OIL CONDITION

Visc @ 40°C	cSt	27.3	28.2	27.4	---
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CONTAMINATION

Silicon	ppm	4	4	4	---
Sodium	ppm	4	5	2	---
Potassium	ppm	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	24	19	18	---
Copper	ppm	8	7	7	---
Lead	ppm	0	0	0	---
Tin	ppm	4	3	3	---
Aluminum	ppm	17	15	15	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	2	1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	93	73	77	---
Magnesium	ppm	2	1	<1	---
Zinc	ppm	9	4	3	---
Phosphorus	ppm	182	192	228	---
Barium	ppm	0	0	2	---
Boron	ppm	85	88	95	---

Depot: VOLVO0093
Unique No: 10669097
Signed: Wes Davis
Report Date: 28 Sep 2023



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GRAPHS

