



CONSTRUCTION EQUIPMENT

462431 WATER FRONT VOLVO A40G 342619 - TRANSMISSION (AUTO)



Sample No: VCP435620
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 462431 WATER FRONT



SAMPLE INFORMATION

Sample Number	VCP435620	VCP426676	---	---
Sample Date	10 Feb 2024	12 Aug 2023	---	---
Machine Hours	7777	7325	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	27.4	27.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	4	6	---	---
Potassium	ppm	<1	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	31	26	---	---
Copper	ppm	33	29	---	---
Lead	ppm	0	0	---	---
Tin	ppm	5	4	---	---
Aluminum	ppm	16	18	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	4	4	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	82	80	---	---
Magnesium	ppm	2	3	---	---
Zinc	ppm	6	0	---	---
Phosphorus	ppm	191	182	---	---
Barium	ppm	0	0	---	---
Boron	ppm	68	87	---	---

Depot: VOLVO0093
Unique No: 10875265
Signed: Wes Davis
Report Date: 14 Feb 2024



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GRAPHS

