



CONSTRUCTION EQUIPMENT

SPM645532-10 VOLVO A45G 352836 - TRANSMISSION (AUTO)



Sample No: VCP434928
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM645532-10



SAMPLE INFORMATION

Sample Number	VCP434928	VCP401164	---	---
Sample Date	05 Dec 2023	19 Sep 2023	---	---
Machine Hours	3190	2651	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
5151 DR MARTIN LUTHER KING BLVD
FORT MYERS, FL
US 33905
Contact: TODD LARK
tlark@altaequipfl.com
T:
F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	█ 27.9	█ 28.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 15	█ 2	---	---
Sodium	ppm	█ 7	█ 38	---	---
Potassium	ppm	█ 4	█ 9	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 57	█ 3	---	---
Copper	ppm	█ 28	█ 0	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 4	█ 0	---	---
Aluminum	ppm	█ 27	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 3	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 4	█ <1	---	---
Vanadium	ppm	0	1	---	---



ADDITIVES

Calcium	ppm	█ 71	█ 4	---	---
Magnesium	ppm	█ <1	█ <1	---	---
Zinc	ppm	█ 4	█ 0	---	---
Phosphorus	ppm	█ 178	█ 0	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 68	█ 0	---	---

Depot: VOLVO0090
Unique No: 10780837
Signed: Don Baldrige
Report Date: 14 Dec 2023



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GRAPHS

