



# CONSTRUCTION EQUIPMENT

646452 MOSIAC CO VOLVO A45G 352974 - TRANSMISSION (AUTO)



**Sample No:** VCP428690  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 646452 MOSIAC CO



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## SAMPLE INFORMATION

Sample Number	VCP428690	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	3408	---	---	---
Oil Hours	1400	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 27.7	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 66	---	---	---
Copper	ppm	█ 35	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 5	---	---	---
Aluminum	ppm	█ 29	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 78	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 2	---	---	---
Phosphorus	ppm	█ 197	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 67	---	---	---

## 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.

**Depot:** VOLVO0093  
**Unique No:** 10862392  
**Signed:** Don Baldrige  
**Report Date:** 07 Feb 2024



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## GRAPHS

