



# CONSTRUCTION EQUIPMENT

19742 VOLVO A45G 353072 - TRANSMISSION (AUTO)



**Sample No:** VCP439646  
**Oil Type:** DEXRON III  
**Job No:** 19742



## SAMPLE INFORMATION

Sample Number	VCP439646	VCP385799	---	---
Sample Date	05 Oct 2023	12 Dec 2022	---	---
Machine Hours	4174	1757	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 27.4	█ 28.3	---	---
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## CONTAMINATION

Silicon	ppm	█ 14	▲ 20	---	---
Sodium	ppm	█ 5	█ 5	---	---
Potassium	ppm	█ 1	█ 2	---	---

## Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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	█ 37	█ 65	---	---
Copper	ppm	█ 65	█ 65	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 7	█ 7	---	---
Aluminum	ppm	█ 21	█ 29	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 9	▲ 9	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 5	█ 4	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 155	█ 73	---	---
Magnesium	ppm	30	█ <1	---	---
Zinc	ppm	█ 53	█ 0	---	---
Phosphorus	ppm	█ 234	█ 262	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 64	█ 78	---	---

**Depot:** VOLVO8769  
**Unique No:** 10702528  
**Signed:** Don Baldrige  
**Report Date:** 23 Oct 2023



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## GRAPHS

