



# CONSTRUCTION EQUIPMENT

405751 NAT FLEET VOLVO A45G 342714 - TRANSMISSION



**Sample No:** VCP419942  
**Oil Type:** NOT GIVEN  
**Job No:** 405751 NAT FLEET



## SAMPLE INFORMATION

Sample Number	VCP419942	---	---	---
Sample Date	03 Nov 2023	---	---	---
Machine Hours	6852	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

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	■ 32.6	---	---	---
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## CONTAMINATION

Water	%	▲ 0.970	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 74	---	---	---
Potassium	ppm	■ 2	---	---	---



## WEAR METALS

Iron	ppm	■ 64	---	---	---
Copper	ppm	■ 20	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 17	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	112	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	175	---	---	---
Phosphorus	ppm	222	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	89	---	---	---

## Diagnosis

We advise that you check for the source of coolant entry. Check for low coolant level. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Sodium and/or potassium levels are high. There is a high concentration of water present in the fluid. The fluid is no longer serviceable due to the presence of contaminants.

**Depot:** VOLVO0093  
**Unique No:** 10738499  
**Signed:** Jonathan Hester  
**Report Date:** 16 Nov 2023



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## GRAPHS

