



# CONSTRUCTION EQUIPMENT

W06005562-2 ROANOKE VOLVO L35B 1876075 - FRONT AXLE



**Sample No:** VCP417199  
**Oil Type:** VOLVO API GL-5 SAE 75W90  
**Job No:** W06005562-2 ROANOKE



**McClung-Logan Virginia LLC**  
2025 COOK DRIVE  
SALEM, VA  
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## SAMPLE INFORMATION

Sample Number	VCP417199	---	---	---
Sample Date	30 Aug 2023	---	---	---
Machine Hours	2469	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	178	---	---	---
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## CONTAMINATION

Water	%	▲ 0.818	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 3	---	---	---



## WEAR METALS

Iron	ppm	▲ 812	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 14	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 174	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 196	---	---	---
Phosphorus	ppm	■ 2259	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 3	---	---	---

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO9010  
**Unique No:** 10698006  
**Signed:** Sean Felton  
**Report Date:** 18 Oct 2023



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## GRAPHS

