



# CONSTRUCTION EQUIPMENT

SPM645420-10 VOLVO L180G 22218 - REAR AXLE



**Sample No:** VCP421335  
**Oil Type:** TDH FLUID SAE 75W80  
**Job No:** SPM645420-10



## SAMPLE INFORMATION

Sample Number	VCP421335	---	---	---
Sample Date	09 Dec 2023	---	---	---
Machine Hours	17577	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 48.6	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 88	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3949	---	---	---
Magnesium	ppm	█ 27	---	---	---
Zinc	ppm	█ 1456	---	---	---
Phosphorus	ppm	█ 1276	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 116	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0090  
**Unique No:** 10790657  
**Signed:** Jonathan Hester  
**Report Date:** 19 Dec 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

