



# CONSTRUCTION EQUIPMENT

266850 VOLVO A30D 12091 - DIESEL ENGINE



**Sample No:** VCP273121  
**Oil Type:** NOT GIVEN  
**Job No:** 266850



## SAMPLE INFORMATION

Sample Number	VCP273121	---	---	---
Sample Date	01 Dec 2020	---	---	---
Machine Hours	11440	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 14.8	---	---	---
Oxidation (PA)	%	█ 53	---	---	---



## CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 37	---	---	---
Sulfation (PA)	%	█ 49	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.



## WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 57	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 995	---	---	---
Magnesium	ppm	█ 966	---	---	---
Zinc	ppm	█ 1214	---	---	---
Phosphorus	ppm	█ 1004	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 8	---	---	---

**Depot:** VOLVO3908  
**Unique No:** 5146371  
**Signed:** Wes Davis  
**Report Date:** 03 Dec 2020



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## GRAPHS

