



# CONSTRUCTION EQUIPMENT

337558 VOLVO A25G 752581 - DIESEL ENGINE



**Sample No:** VCP06158692  
**Oil Type:** DIESEL ENGINE OIL SAE 30  
**Job No:** 337558



## SAMPLE INFORMATION

Sample Number	VCP06158692	VCP421349	---	---
Sample Date	22 Apr 2024	02 Dec 2023	---	---
Machine Hours	1662	1094	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 12.0	10.8	---	---
Base Number (BN)	mg KOH/g	█ 8.5	█ 4.7	---	---
Oxidation (PA)	%	80	69	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Exhaust valve wear is indicated. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



## CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.4	█ 0.7	---	---
Nitration (PA)	%	69	87	---	---
Sulfation (PA)	%	63	66	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	█ 0.2	---	---
Silicon	ppm	█ 9	▲ 47	---	---
Sodium	ppm	█ 2	█ 5	---	---
Potassium	ppm	█ 0	█ 3	---	---



## WEAR METALS

Iron	ppm	█ 13	█ 41	---	---
Copper	ppm	█ 40	█ 176	---	---
Lead	ppm	█ 0	█ 5	---	---
Tin	ppm	█ 0	█ 4	---	---
Aluminum	ppm	█ <1	█ 3	---	---
Chromium	ppm	█ 0	█ 1	---	---
Molybdenum	ppm	█ 51	█ 73	---	---
Nickel	ppm	▲ 4	▲ 8	---	---
Titanium	ppm	█ 0	<1	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	6	---	---
Vanadium	ppm	0	<1	---	---



## ADDITIVES

Calcium	ppm	█ 1986	█ 2120	---	---
Magnesium	ppm	█ 462	█ 55	---	---
Zinc	ppm	█ 1211	█ 1127	---	---
Phosphorus	ppm	█ 998	█ 916	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 22	█ 5	---	---

**Depot:** VOLVO0093  
**Unique No:** 10994115  
**Signed:** Angela Borella  
**Report Date:** 25 Apr 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

