



# CONSTRUCTION EQUIPMENT

371606 VOLVO A40G 342484 - DIESEL ENGINE



**Sample No:** VCP297758  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 371606



## SAMPLE INFORMATION

Sample Number	VCP297758	---	---	---
Sample Date	11 Jul 2023	---	---	---
Machine Hours	9448	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Oxidation (PA)	%	█ 84	---	---	---

## CONTAMINATION

Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	█ 70	---	---	---
Sulfation (PA)	%	█ 66	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

## 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.

## WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 45	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

## ADDITIVES

Calcium	ppm	█ 1894	---	---	---
Magnesium	ppm	█ 560	---	---	---
Zinc	ppm	█ 1119	---	---	---
Phosphorus	ppm	█ 1009	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 39	---	---	---

**Depot:** VOLVO3908  
**Unique No:** 5620355  
**Signed:** Wes Davis  
**Report Date:** 11 Aug 2023



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## GRAPHS

