



# CONSTRUCTION EQUIPMENT

## W041487 VOLVO A60H 350231 - DIESEL ENGINE



**Sample No:** VCP415528  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** W041487



### SAMPLE INFORMATION

Sample Number	VCP415528	---	---	---
Sample Date	20 Mar 2024	---	---	---
Machine Hours	612	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

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### OIL CONDITION

Visc @ 100°C	cSt	▲ 5.2	---	---	---
Base Number (BN)	mg KOH/g	■ 7.3	---	---	---
Oxidation (PA)	%	54	---	---	---

### Diagnosis



### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	52	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 39.6	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 0	---	---	---



### WEAR METALS

Iron	ppm	■ 7	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 24	---	---	---
Nickel	ppm	■ 8	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	1045	---	---	---
Magnesium	ppm	■ 297	---	---	---
Zinc	ppm	632	---	---	---
Phosphorus	ppm	555	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 35	---	---	---

**Depot:** LANNOR  
**Unique No:** 10943358  
**Signed:** Don Baldrige  
**Report Date:** 28 Mar 2024



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## GRAPHS

