



# CONSTRUCTION EQUIPMENT

68232 VOLVO L150H 6491 - DIESEL ENGINE



**Sample No:** VCP310526  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 68232



## SAMPLE INFORMATION

Sample Number	VCP310526	---	---	---
Sample Date	26 Apr 2021	---	---	---
Machine Hours	1855	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 12.5	---	---	---
Oxidation (PA)	%	█ 88	---	---	---



## CONTAMINATION

Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	█ 74	---	---	---
Sulfation (PA)	%	█ 67	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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	█ 19	---	---	---
Copper	ppm	▲ 53	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1608	---	---	---
Magnesium	ppm	█ 489	---	---	---
Zinc	ppm	█ 1080	---	---	---
Phosphorus	ppm	█ 900	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 28	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 9479251  
**Signed:** Don Baldrige  
**Report Date:** 29 Apr 2021



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## GRAPHS

