



# CONSTRUCTION EQUIPMENT

DLC 389280 VOLVO L110H 63201 - DIESEL ENGINE



**Sample No:** VCP380334  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 389280



## SAMPLE INFORMATION

Sample Number	VCP380334	---	---	---
Sample Date	21 Dec 2023	---	---	---
Machine Hours	5517	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



### STRONGCO EQUIPMENT INC (STE- FOY)

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.1	---	---	---
Oxidation (PA)	%	█ 84	---	---	---



## CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 58	---	---	---
Sulfation (PA)	%	█ 63	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



## WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1694	---	---	---
Magnesium	ppm	█ 510	---	---	---
Zinc	ppm	█ 1080	---	---	---
Phosphorus	ppm	█ 931	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 38	---	---	---

**Depot:** VOLVO0228  
**Unique No:** 5698336  
**Signed:** Wes Davis  
**Report Date:** 27 Dec 2023



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## GRAPHS

