



# CONSTRUCTION EQUIPMENT

## 93114 VOLVO EC460CL 110438 - DIESEL ENGINE



**Sample No:** VCP207219  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 93114



### SAMPLE INFORMATION

Sample Number	VCP207219	---	---	---
Sample Date	12 Jan 2017	---	---	---
Machine Hours	7092	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 85.4	---	---	---
Visc @ 100°C	cSt	█ 12.4	---	---	---
Viscosity Index (VI)	Scale	█ 141	---	---	---
Oxidation (PA)	%	█ 59	---	---	---



### CONTAMINATION

Soot %	%	█ 0.5	---	---	---
Nitration (PA)	%	█ 60	---	---	---
Sulfation (PA)	%	█ 63	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---



### WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 2321	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 1165	---	---	---
Phosphorus	ppm	█ 984	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 9	---	---	---



### STRONGCO EQUIPMENT INC (STE- FOY)

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### 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. Les tests n'indiquent aucune trace de carburant dans l'huile. Il n'y a aucun indice de contamination dans le composant. L'état de l'huile est acceptable pour la durée de service.

**Depot:** VOLVO0228  
**Unique No:** 4444801  
**Signed:** Wes Davis  
**Report Date:** 21 Jan 2017



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## GRAPHS

