



# CONSTRUCTION EQUIPMENT

## 242653 VOLVO EC140DL 210989 - DIESEL ENGINE



**Sample No:** VCP242551  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 242653



### SAMPLE INFORMATION

Sample Number	VCP242551	---	---	---
Sample Date	11 May 2020	---	---	---
Machine Hours	568	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH  
TROIS RIVIERE, QC  
CA G8Z 4L8  
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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Oxidation (PA)	%	█ 65	---	---	---



### CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 49	---	---	---
Sulfation (PA)	%	█ 65	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---

### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. Il n'y a aucun indice de contamination dans le l'huile. L'état de l'huile est acceptable pour la durée de service.



### WEAR METALS

Iron	ppm	█ 53	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 49	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



### ADDITIVES

Calcium	ppm	█ 1711	---	---	---
Magnesium	ppm	█ 420	---	---	---
Zinc	ppm	█ 1070	---	---	---
Phosphorus	ppm	█ 924	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 26	---	---	---

**Depot:** STR520TRO  
**Unique No:** 5045004  
**Signed:** Wes Davis  
**Report Date:** 13 May 2020



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## GRAPHS

