



# CONSTRUCTION EQUIPMENT

213910 VOLVO A25E 13189 - DIESEL ENGINE



**Sample No:** VCP221791  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:** 213910



## SAMPLE INFORMATION

Sample Number	VCP221791	---	---	---
Sample Date	13 Sep 2019	---	---	---
Machine Hours	7593	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 14.5	---	---	---
Oxidation (PA)	%	█ 53	---	---	---

## CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 53	---	---	---
Sulfation (PA)	%	█ 57	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 7	---	---	---

## Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 40. Veuillez confirmer. 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	█ 5	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 62	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	< 1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

## ADDITIVES

Calcium	ppm	█ 1379	---	---	---
Magnesium	ppm	█ 696	---	---	---
Zinc	ppm	█ 1153	---	---	---
Phosphorus	ppm	█ 1003	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 24	---	---	---

**Depot:** VOLVO0230  
**Unique No:** 4929392  
**Signed:** Wes Davis  
**Report Date:** 23 Sep 2019



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## GRAPHS

