



# CONSTRUCTION EQUIPMENT

160693 VOLVO A35G 340174 - DIESEL ENGINE



**Sample No:** VCP212631  
**Oil Type:** DIESEL ENGINE OIL SAE 10W30  
**Job No:** 160693



## SAMPLE INFORMATION

Sample Number	VCP212631	---	---	---
Sample Date	05 Jul 2018	---	---	---
Machine Hours	2236	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	■ 89.3	---	---	---
Visc @ 100°C	cSt	■ 12.2	---	---	---
Viscosity Index (VI)	Scale	■ 130	---	---	---
Oxidation (PA)	%	■ 64	---	---	---

## Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Aucune autre mesure corrective n'est recommandée pour l'instant. Les taux d'usure de tous les composants sont normaux. Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile. L'état de l'huile est acceptable pour la durée de service.

## CONTAMINATION

Soot %	%	■ 0	---	---	---
Nitration (PA)	%	■ 68	---	---	---
Sulfation (PA)	%	■ 60	---	---	---
Glycol	%	■ NEG	---	---	---
Fuel	%	■ 0.4	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---

## WEAR METALS

Iron	ppm	■ 9	---	---	---
Copper	ppm	■ 77	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 57	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

## ADDITIVES

Calcium	ppm	■ 1484	---	---	---
Magnesium	ppm	■ 426	---	---	---
Zinc	ppm	■ 1110	---	---	---
Phosphorus	ppm	■ 929	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 270	---	---	---

**Depot:** VOLVO0230  
**Unique No:** 4718325  
**Signed:** Wes Davis  
**Report Date:** 11 Jul 2018



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## GRAPHS

