



# CONSTRUCTION EQUIPMENT

## VOLVO L180H 5344 - DIESEL ENGINE



**Sample No:** VCP381345  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:**



### INFORMATION SUR L' CHANTILLON

Numéro d'échant.	<b>VCP381345</b>	---	---	---
Date d'échant.	<b>13 Aug 2023</b>	---	---	---
Heures de la Machine	<b>1990</b>	---	---	---
Heures de l'huile	<b>0</b>	---	---	---
Huile changée	<b>Changed</b>	---	---	---
Statut de l'échant.	<b>NORMAL</b>	---	---	---



### STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH  
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### ÉTAT D'HUILE

Visc 100°C	cSt	<b>12.8</b>	---	---	---
Oxydation (PA)	%	<b>45</b>	---	---	---



### CONTAMINATION

% de suie	%	<b>0</b>	---	---	---
Nitration (PA)	%	<b>54</b>	---	---	---
Sulfatation (PA)	%	<b>50</b>	---	---	---
Glycol	%	<b>NEG</b>	---	---	---
Essence	%	<b>&lt;1.0</b>	---	---	---
Silicium	ppm	<b>5</b>	---	---	---
Sodium	ppm	<b>3</b>	---	---	---
Potassium	ppm	<b>5</b>	---	---	---



### M TAUX D'USURE

Fer	ppm	<b>9</b>	---	---	---
Cuivre	ppm	<b>21</b>	---	---	---
Plomb	ppm	<b>&lt;1</b>	---	---	---
Étain	ppm	<b>0</b>	---	---	---
Aluminium	ppm	<b>4</b>	---	---	---
Chrome	ppm	<b>&lt;1</b>	---	---	---
Molybdène	ppm	<b>22</b>	---	---	---
Nickel	ppm	<b>0</b>	---	---	---
Titane	ppm	<b>0</b>	---	---	---
Argent	ppm	<b>&lt;1</b>	---	---	---
Manganèse	ppm	<b>&lt;1</b>	---	---	---
Vanadium	ppm	<b>0</b>	---	---	---



### ADDITIFS

Calcium	ppm	<b>2048</b>	---	---	---
Magnésium	ppm	<b>119</b>	---	---	---
Zinc	ppm	<b>1004</b>	---	---	---
Phosphore	ppm	<b>918</b>	---	---	---
Baryum	ppm	<b>0</b>	---	---	---
Bore	ppm	<b>45</b>	---	---	---

### Diagnostic

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. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

**Depot:** STR520TRO  
**Unique No:** 5630759  
**Signed:** Kevin Marson  
**Report Date:** 23 Aug 2023



## GRAPHS

