



# CONSTRUCTION EQUIPMENT

383088 VOLVO L120H 633469 - DIESEL ENGINE



**Sample No:** VCP382413  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 383088



## SAMPLE INFORMATION

Sample Number	VCP382413	---	---	---
Sample Date	07 Nov 2023	---	---	---
Machine Hours	1029	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT INC (STE- FOY)

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.0	---	---	---
Oxidation (PA)	%	█ 74	---	---	---



## CONTAMINATION

Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	█ 56	---	---	---
Sulfation (PA)	%	█ 61	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

### 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. 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	█ 23	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 17	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 41	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1664	---	---	---
Magnesium	ppm	█ 531	---	---	---
Zinc	ppm	█ 1109	---	---	---
Phosphorus	ppm	█ 950	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 32	---	---	---

**Depot:** VOLVO0228  
**Unique No:** 5681243  
**Signed:** Wes Davis  
**Report Date:** 14 Nov 2023



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## GRAPHS

