



# CONSTRUCTION EQUIPMENT

385568 VOLVO L120F 25743 - DIESEL ENGINE



**Sample No:** VCP349536  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** 385568



## SAMPLE INFORMATION

Sample Number	VCP349536	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	13376	---	---	---
Oil Hours	376	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW  
 Acheson, AB  
 CA T7X 6C2

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	---	---	---
Oxidation (PA)	%	█ 79	---	---	---



## CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 53	---	---	---
Sulfation (PA)	%	█ 60	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 13	---	---	---
Potassium	ppm	█ 2	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 48	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1581	---	---	---
Magnesium	ppm	█ 469	---	---	---
Zinc	ppm	█ 902	---	---	---
Phosphorus	ppm	█ 753	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 99	---	---	---

**Depot:** VOLVO3908  
**Unique No:** 5693957  
**Signed:** Wes Davis  
**Report Date:** 05 Dec 2023



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## GRAPHS

