



# CONSTRUCTION EQUIPMENT

12923 VOLVO L25H SD11572 - DIESEL ENGINE



**Sample No:** VCE166783  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** 12923



## SAMPLE INFORMATION

Sample Number	VCE166783	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	240	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

### TRANSOURCE TRUCK & EQUIPMENT

901 EAST 60TH STREET NORTH  
 SIOUX FALLS, SD  
 US 57104

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## OIL CONDITION

Visc @ 100°C	cSt	● 10.9	---	---	---
Base Number (BN)	mg KOH/g	■ 9.6	---	---	---
Oxidation (PA)	%	80	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	58	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 0.2	---	---	---
Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 1	---	---	---



## WEAR METALS

Iron	ppm	■ 19	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 37	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 1901	---	---	---
Magnesium	ppm	■ 473	---	---	---
Zinc	ppm	■ 1077	---	---	---
Phosphorus	ppm	■ 932	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 60	---	---	---

**Depot:** VOLVO0035  
**Unique No:** 11002980  
**Signed:** Sean Felton  
**Report Date:** 01 May 2024



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## GRAPHS

