



# CONSTRUCTION EQUIPMENT

19571 LANE-BLYTHE VOLVO EC750EL 314008 - DIESEL ENGINE



**Sample No:** VCP421662  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 19571 LANE-BLYTHE



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## SAMPLE INFORMATION

Sample Number	VCP421662	---	---	---
Sample Date	29 Aug 2023	---	---	---
Machine Hours	7341	---	---	---
Oil Hours	461	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Base Number (BN)	mg KOH/g	█ 8.7	---	---	---
Oxidation (PA)	%	59	---	---	---

## CONTAMINATION

Soot %	%	█ 1.1	---	---	---
Nitration (PA)	%	70	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 3	---	---	---

## WEAR METALS

Iron	ppm	█ 21	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 65	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	█ 1311	---	---	---
Magnesium	ppm	920	---	---	---
Zinc	ppm	█ 1276	---	---	---
Phosphorus	ppm	█ 992	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 7	---	---	---

## 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

**Depot:** VOLVO8769  
**Unique No:** 10643895  
**Signed:** Wes Davis  
**Report Date:** 13 Sep 2023



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## GRAPHS

