



# CONSTRUCTION EQUIPMENT

717229 VOLVO EC750 314108 - DIESEL ENGINE



**Sample No:** VCP454565  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 717229



## SAMPLE INFORMATION

Sample Number	VCP454565	VCP431267	---	---
Sample Date	24 May 2024	14 Nov 2023	---	---
Machine Hours	3483	2548	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**BLUE GOOSE GROWERS**  
 16059 W ORANGE AVE  
 FT PIERCE, FL  
 US 34945  
 Contact: SERVICE MANAGER

T: (772)461-3020  
 F:

## OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	█ 12.8	---	---
Base Number (BN)	mg KOH/g	█ 8.3	█ 9.8	---	---
Oxidation (PA)	%	82	76	---	---

## 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.

## CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 1	█ 1	---	---
Nitration (PA)	%	75	66	---	---
Sulfation (PA)	%	63	63	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 7	█ 5	---	---
Sodium	ppm	█ <1	█ <1	---	---
Potassium	ppm	█ 2	█ <1	---	---

## WEAR METALS

Iron	ppm	█ 20	█ 13	---	---
Copper	ppm	█ 6	█ 12	---	---
Lead	ppm	█ 2	█ <1	---	---
Tin	ppm	█ 1	█ 1	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 48	█ 47	---	---
Nickel	ppm	█ 2	█ 2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 1744	█ 1551	---	---
Magnesium	ppm	█ 542	█ 651	---	---
Zinc	ppm	█ 1176	█ 1179	---	---
Phosphorus	ppm	█ 1032	█ 940	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 24	█ 17	---	---

**Depot:** BLUFOR  
**Unique No:** 11058458  
**Signed:** Wes Davis  
**Report Date:** 03 Jun 2024



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## GRAPHS

