



# CONSTRUCTION EQUIPMENT

SW-29953 SEG 1 RANGO VOLVO R100E 121019 - DIESEL ENGINE



**Sample No:** VCP324485  
**Oil Type:** {unknown}  
**Job No:** SW-29953 SEG 1 RANGO



## SAMPLE INFORMATION

Sample Number	VCP324485	---	---	---
Sample Date	26 Feb 2024	---	---	---
Machine Hours	3292	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.0	---	---	---
Base Number (BN)	mg KOH/g	█ 8.4	---	---	---
Oxidation (PA)	%	49	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	59	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 7	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 1287	---	---	---
Magnesium	ppm	█ 741	---	---	---
Zinc	ppm	█ 869	---	---	---
Phosphorus	ppm	739	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 102	---	---	---

**Depot:** VOLVO8770  
**Unique No:** 10903178  
**Signed:** Wes Davis  
**Report Date:** 01 Mar 2024



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## GRAPHS

