



# CONSTRUCTION EQUIPMENT

VINCI 392569 VOLVO EC480EL 314955 - DIESEL ENGINE



**Sample No:** VCP392860  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 392569



## SAMPLE INFORMATION

Sample Number	VCP392860	---	---	---
Sample Date	26 Jan 2024	---	---	---
Machine Hours	3985	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT--CALGARY

7923 54TH STREET SE  
 CALGARY, AB  
 CA T2C 4R7

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 T: (403)216-1010  
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## OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Oxidation (PA)	%	█ 88	---	---	---

## CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 78	---	---	---
Sulfation (PA)	%	█ 65	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ 1.3	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---

## ADDITIVES

Calcium	ppm	█ 1702	---	---	---
Magnesium	ppm	█ 554	---	---	---
Zinc	ppm	█ 1100	---	---	---
Phosphorus	ppm	█ 946	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 29	---	---	---

**Depot:** VOLVO3909  
**Unique No:** 5733705  
**Signed:** Wes Davis  
**Report Date:** 22 Feb 2024



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## GRAPHS

### Iron (ppm)



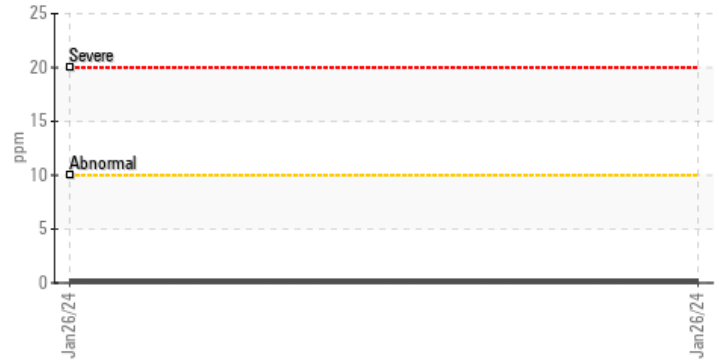
### Lead (ppm)



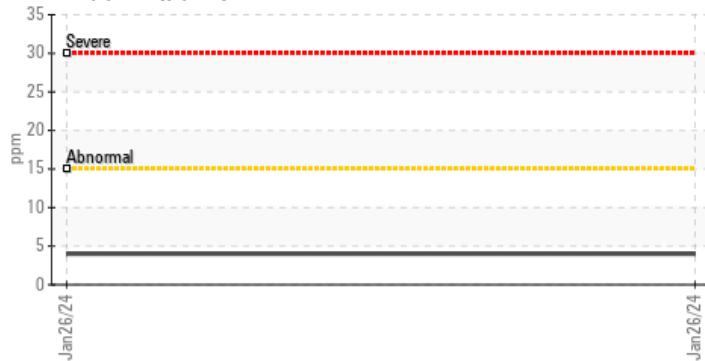
### Aluminum (ppm)



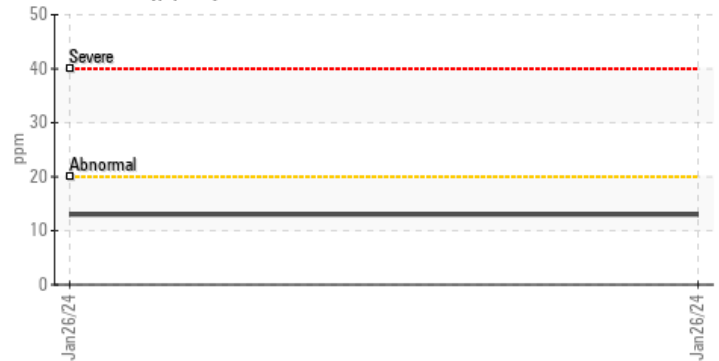
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 100°C



### Soot %

