



# CONSTRUCTION EQUIPMENT

1775 C AND N FARMS VOLVO EC250EL 316616 - SWING DRIVE



**Sample No:** VCP442947  
**Oil Type:** MOBIL 75W90  
**Job No:** 1775 C AND N FARMS



**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
8594 FRUITRIDGE ROAD  
SACRAMENTO, CA  
US 95826  
Contact: RAY KRANZUSCH  
ray.kranzusch@vcesvolvo.com  
T:  
F:



## SAMPLE INFORMATION

Sample Number	VCP442947	---	---	---
Sample Date	21 Mar 2024	---	---	---
Machine Hours	670	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	▲ 174	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 23	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---



## WEAR METALS

Iron	ppm	■ 759	---	---	---
Copper	ppm	■ 24	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 10	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	● 7	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	■ 10	---	---	---
Phosphorus	ppm	● 319	---	---	---
Barium	ppm	■ 4	---	---	---
Boron	ppm	● 0	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. 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 condition of the oil is acceptable for the time in service.

**Depot:** VOLVO4485  
**Unique No:** 10967317  
**Signed:** Don Baldrige  
**Report Date:** 11 Apr 2024

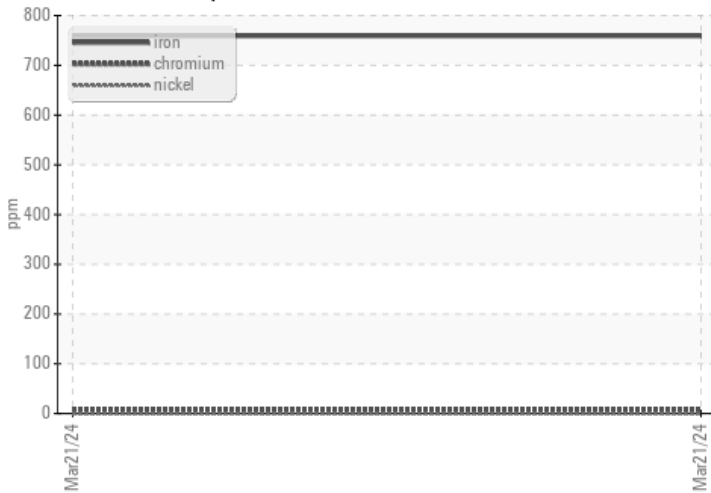


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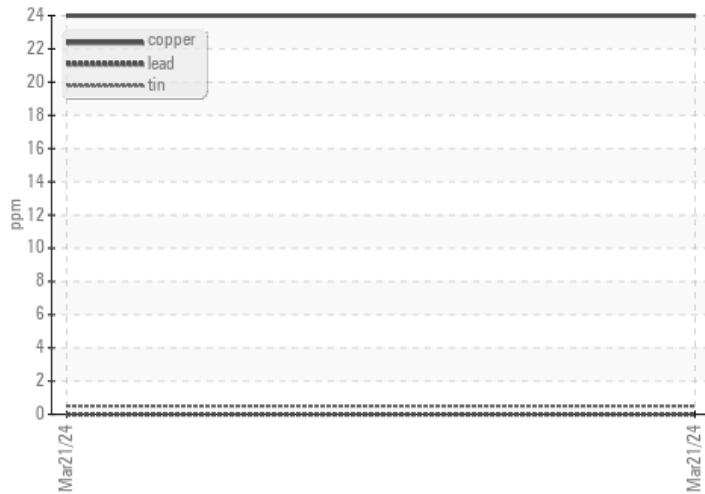


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### ▲ Viscosity @ 40°C

