



# CONSTRUCTION EQUIPMENT

## VOLVO EC250EL 310704 - HYDRAULIC SYSTEM



**Sample No:** VCP431875  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP431875	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	6009	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**POTLATCH**  
 810 WEST PINE STREET  
 WARREN, AR  
 US 71671  
 Contact: SERVICE MANAGER

### OIL CONDITION

Visc @ 40°C	cSt	█ 48.7	---	---	---
Acid Number (AN)	mg KOH/g	█ 1.02	---	---	---

T: (870)226-2611  
 F:

### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 6187	---	---	---
Particles >6µm		█ 1421	---	---	---
Particles >14µm		█ 114	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 4	---	---	---

**Diagnosis**  
 Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry update for hours on unit. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

### WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 2454	---	---	---
Magnesium	ppm	█ 22	---	---	---
Zinc	ppm	█ 1108	---	---	---
Phosphorus	ppm	█ 935	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 50	---	---	---

**Depot:** POTWAR  
**Unique No:** 10848901  
**Signed:** Doug Bogart  
**Report Date:** 30 Jan 2024

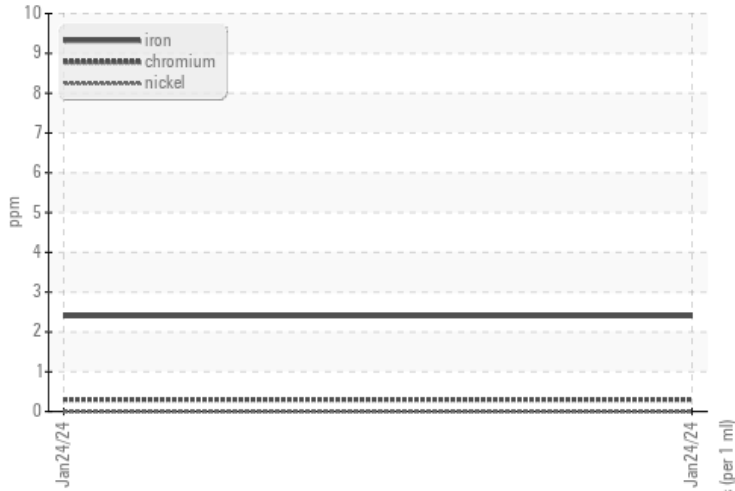


# CONSTRUCTION EQUIPMENT

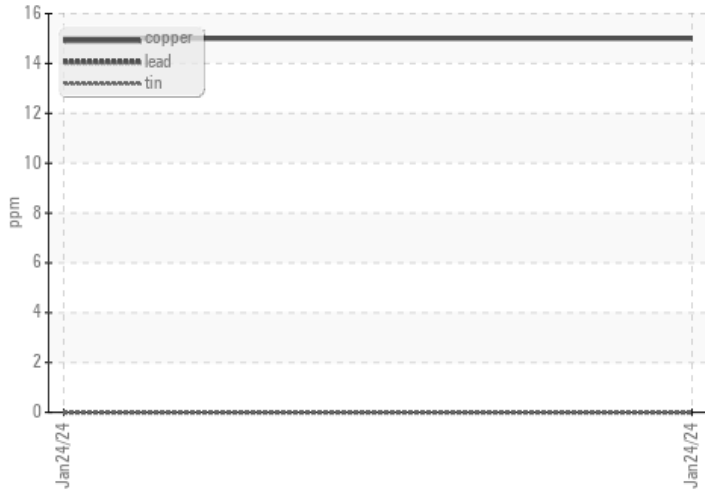


## GRAPHS

### Ferrous Alloys



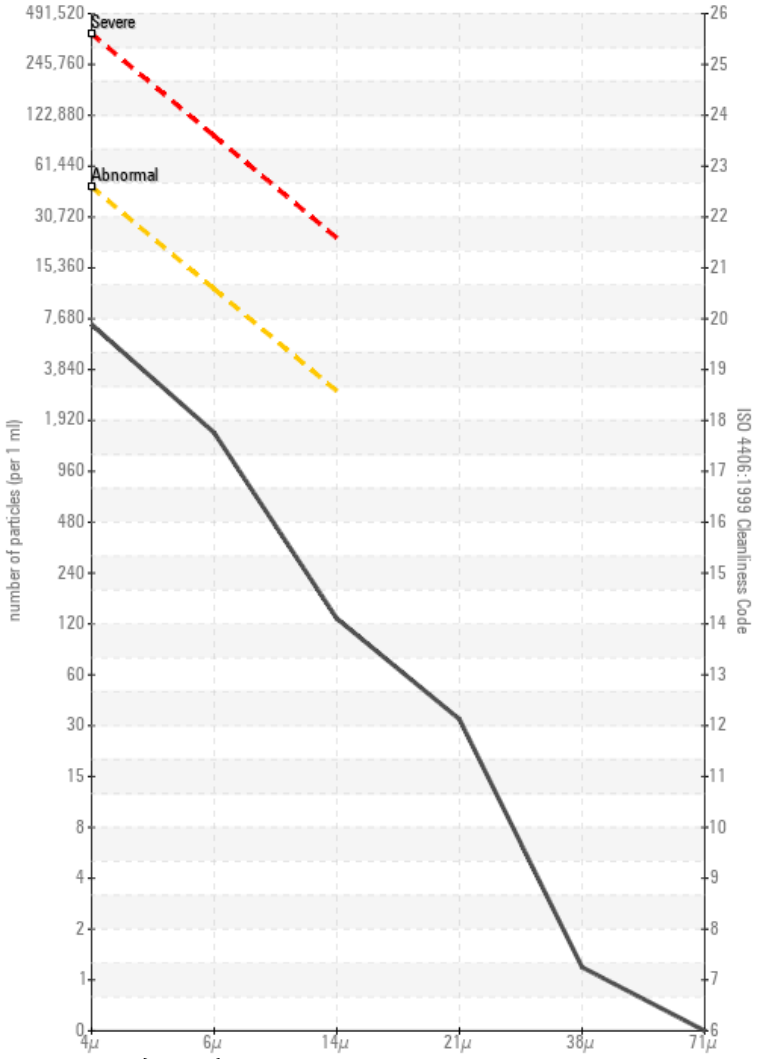
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

