



# CONSTRUCTION EQUIPMENT

SWA178664 ALTER TRAD SENNEBOGEN 840E 840.0.2350 - HYDRAULIC SYSTEM



**Sample No:** VCP399583  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** SWA178664 ALTER TRAD



## SAMPLE INFORMATION

Sample Number	VCP399583	---	---	---
Sample Date	13 Feb 2023	---	---	---
Machine Hours	1084	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA CONSTRUCTION EQUIPMENT**  
613 E STEVENSON RD  
OTTAWA, IL  
US 61350  
Contact: KEVIN SKRTICH  
KEVIN.SKRTICH@ALTAEQUIPMENT.COM  
T:  
F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 38.7	---	---	---
Acid Number (AN)	mg KOH/g	■ 1.00	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		■ 8702	---	---	---
Particles >6µm		■ 1826	---	---	---
Particles >14µm		■ 53	---	---	---
ISO 4406:1999 (c)		20/18/13	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

### Diagnosis

Resample at the next service interval to monitor. 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	■ 3	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 991	---	---	---
Magnesium	ppm	■ 15	---	---	---
Zinc	ppm	■ 628	---	---	---
Phosphorus	ppm	■ 557	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

**Depot:** VOLVO5055  
**Unique No:** 10349416  
**Signed:** Don Baldrige  
**Report Date:** 24 Feb 2023

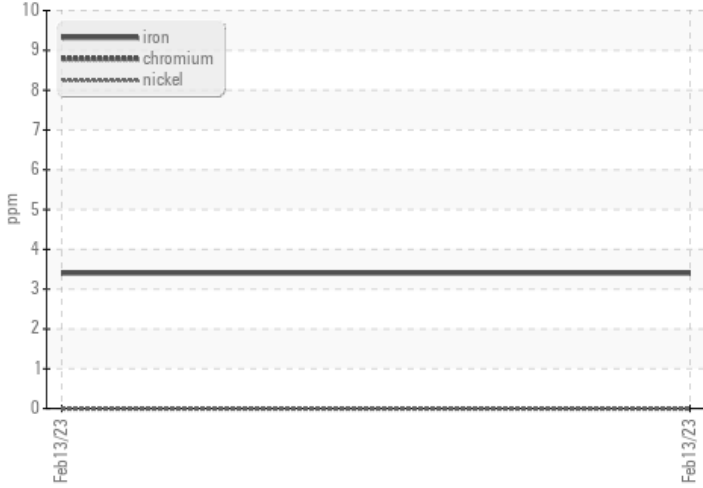


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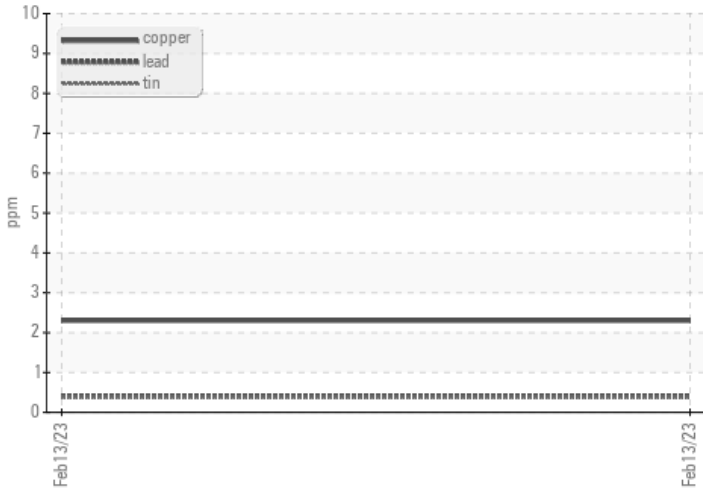


## VOLVO GRAPHS

### Ferrous Alloys



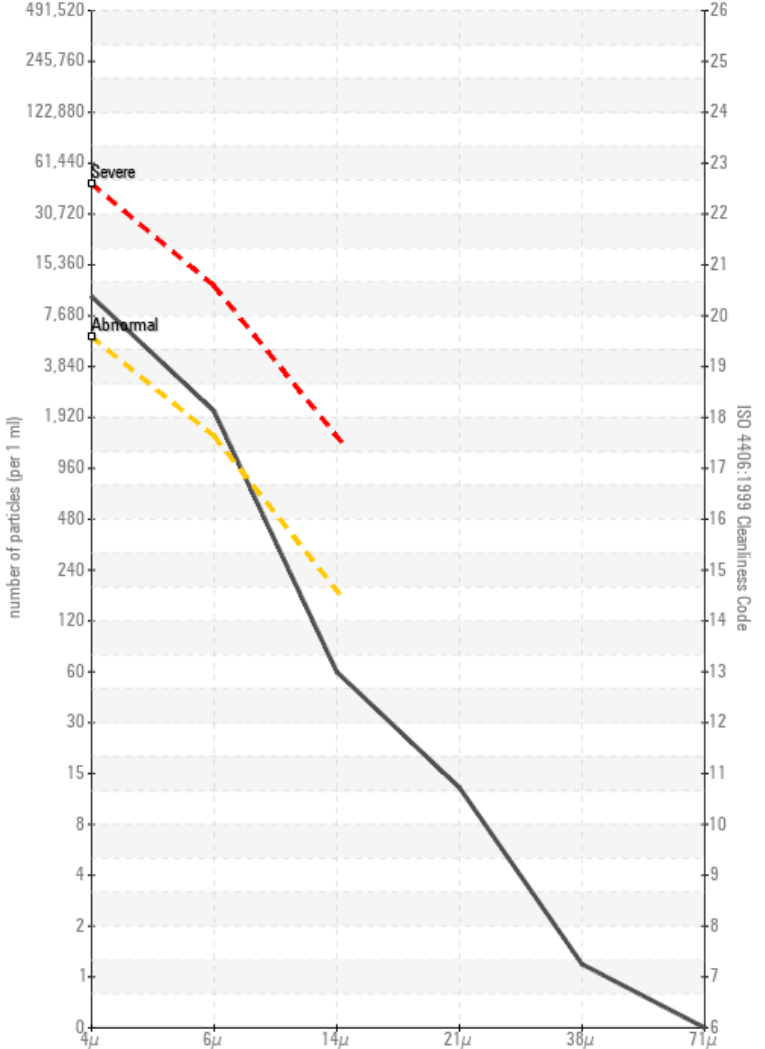
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

