



# CONSTRUCTION EQUIPMENT

SPM702175 ALTER SB SENNEBOGEN 840E 840.0.2350 - HYDRAULIC SYSTEM



**Sample No:** VCP414252  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** SPM702175 ALTER SB



## SAMPLE INFORMATION

Sample Number	VCP414252	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	4440	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
5000 INDUSTRIAL HWY  
GARY, IN  
US 46406  
Contact: MARK DEROSA  
mark.derosa@altg.com  
T: (248)356-5200  
F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 52.0	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.56	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 10109	---	---	---
Particles >6µm		● 1347	---	---	---
Particles >14µm		■ 97	---	---	---
ISO 4406:1999 (c)		21/18/14	---	---	---
Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 0	---	---	---

**Diagnosis**  
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present 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	■ 0	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 168	---	---	---
Magnesium	ppm	■ 21	---	---	---
Zinc	ppm	■ 455	---	---	---
Phosphorus	ppm	■ 367	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 3	---	---	---

**Depot:** VOLVO8885  
**Unique No:** 11003482  
**Signed:** Don Baldrige  
**Report Date:** 01 May 2024

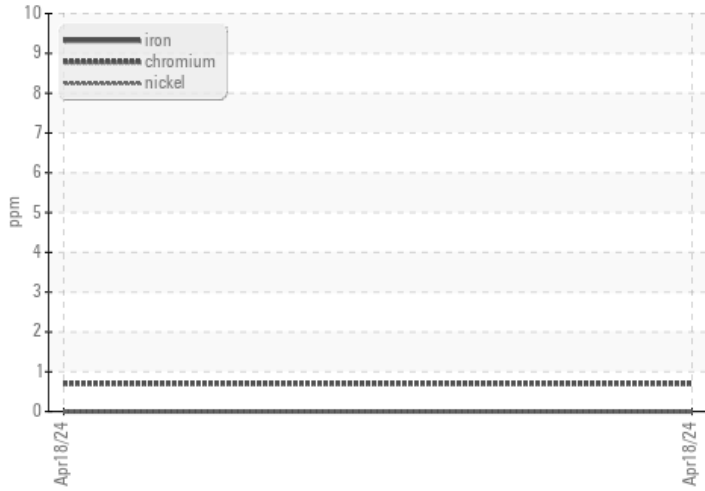


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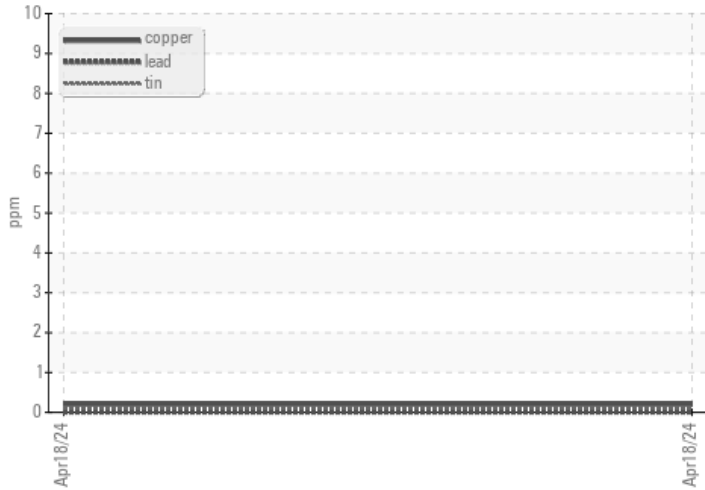


## GRAPHS

### Ferrous Alloys



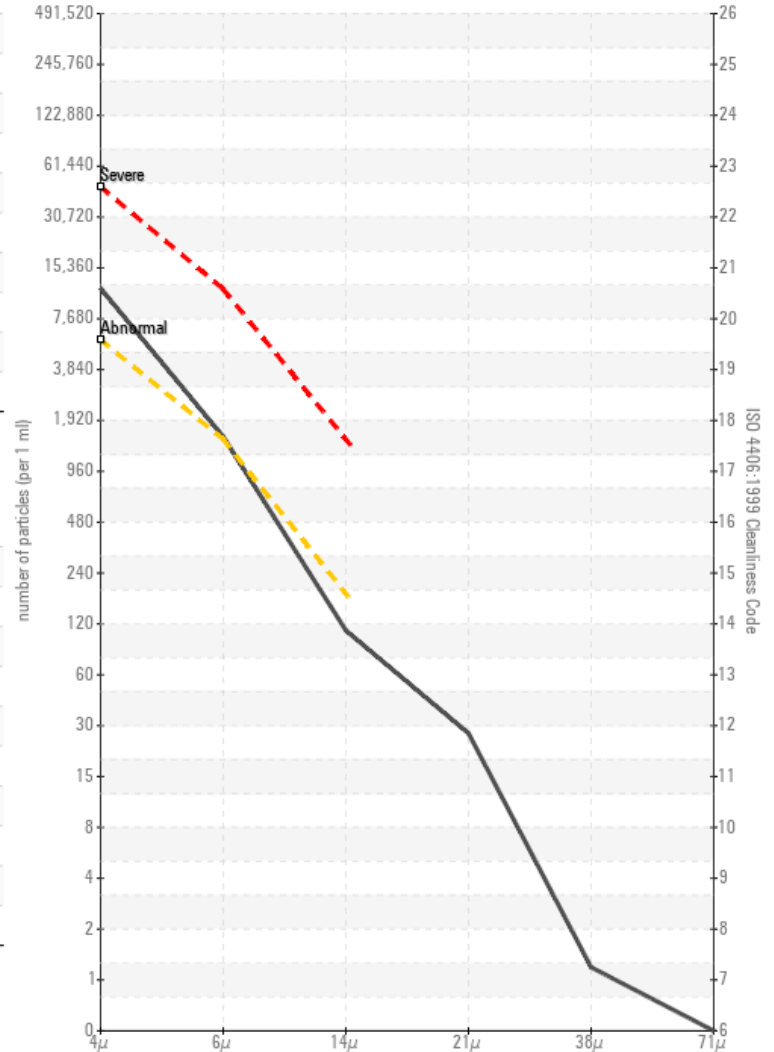
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

