



# CONSTRUCTION EQUIPMENT

SWA544205 ALTA USED SENNEBOGEN 850MD 850.0.1210 - RIGHT SWING DRIVE



**Sample No:** VCP436376  
**Oil Type:** SAE 50W  
**Job No:** SWA544205 ALTA USED



## SAMPLE INFORMATION

Sample Number	VCP436376	---	---	---
Sample Date	24 Apr 2024	---	---	---
Machine Hours	17535	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
5000 INDUSTRIAL HWY  
GARY, IN  
US 46406  
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F:



## OIL CONDITION

Visc @ 40°C	cSt	■ 225	---	---	---
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## CONTAMINATION

Water	%	▲ 2.21	---	---	---
Silicon	ppm	■ 49	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 21	---	---	---

## Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



## WEAR METALS

Iron	ppm	▲ 9087	---	---	---
Copper	ppm	▲ 3371	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	▲ 183	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	▲ 70	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 10	---	---	---
Titanium	ppm	■ 1	---	---	---
Silver	ppm	< 1	---	---	---
Manganese	ppm	■ 75	---	---	---
Vanadium	ppm	1	---	---	---



## ADDITIVES

Calcium	ppm	■ 140	---	---	---
Magnesium	ppm	■ 24	---	---	---
Zinc	ppm	■ 564	---	---	---
Phosphorus	ppm	■ 723	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 82	---	---	---

**Depot:** VOLVO8885  
**Unique No:** 11004004  
**Signed:** Jonathan Hester  
**Report Date:** 01 May 2024

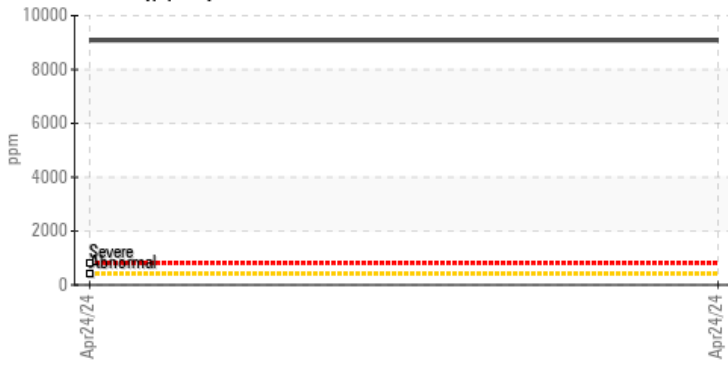


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## GRAPHS

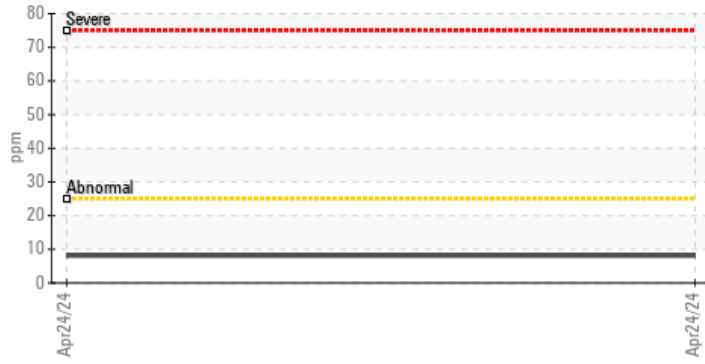
### ▲ Iron (ppm)



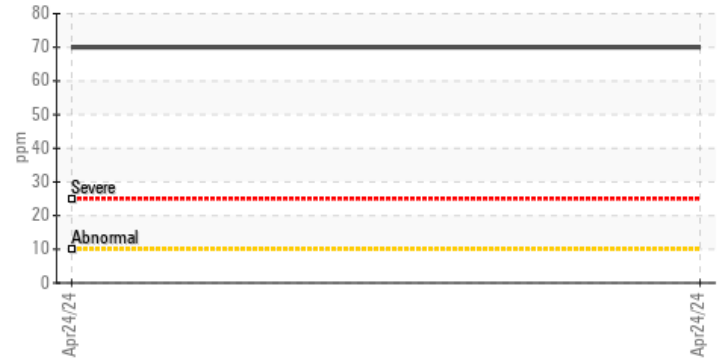
### Lead (ppm)



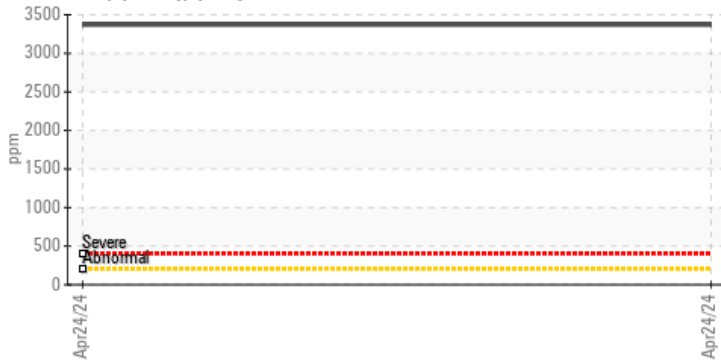
### Aluminum (ppm)



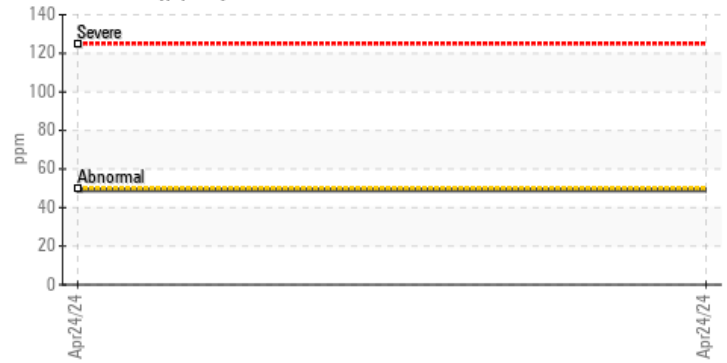
### ▲ Chromium (ppm)



### ▲ Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### ▲ Water

