



# CONSTRUCTION EQUIPMENT

## SWA544205 USED SALES SENNEBOGEN 850MD 850.0.1210 - DIESEL ENGINE



**Sample No:** VCP436375  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** SWA544205 USED SALES



### SAMPLE INFORMATION

Sample Number	VCP436375	---	---	---
Sample Date	24 Apr 2024	---	---	---
Machine Hours	17535	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	MARGINAL	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
 5000 INDUSTRIAL HWY  
 GARY, IN  
 US 46406  
 Contact: DAVE ENG  
 DAVE.ENG@ALTG.COM  
 T: (312)350-2560  
 F:

### OIL CONDITION

Visc @ 100°C	cSt	▲ 12.2	---	---	---
Base Number (BN)	mg KOH/g	■ 8.1	---	---	---
Oxidation (PA)	%	63	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Light fuel dilution occurring. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil.

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.3	---	---	---
Nitration (PA)	%	67	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.0	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---

### WEAR METALS

Iron	ppm	■ 9	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 65	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	■ 1152	---	---	---
Magnesium	ppm	■ 934	---	---	---
Zinc	ppm	■ 1289	---	---	---
Phosphorus	ppm	■ 1070	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 55	---	---	---

**Depot:** VOLVO8885  
**Unique No:** 11003248  
**Signed:** Jonathan Hester  
**Report Date:** 01 May 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

